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— 1907 —

Catalogue and Price List

OF

Complete Outfits

FOR

EXPLORERS

CAMPERS

PROSPECTORS

HUNTERS

OUTING GARMENTS

FISHING TACKLE, ETC.

MANUFACTURED BY

Abercrombie & Fitch Co.

57 READE STREET

NEW YORK, U. S. A.

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INTRODUCTION

It is with satisfaction that we can again tell of progress made toward our aim of satisfying the needs of explorers, campers, prospectors and hunters.

Last year we took the step of greatly enlarging our facilities by moving into and occupying a whole building. There has now been time for the reorganization attendant on such an enlargement in which we are benefiting by an infusion of new life and counsel.

We have increased our staff and the testimony of many customers strengthens our belief that we have an unusually efficient, interested and courteous service in our shop.

We now have an entire building which is so arranged that we can show our stock, carry on our work and execute our orders most advantageously and in accordance with our ideal of service. Our factory occupies several floors in the building, so we still have the advantage which has always been given by instant access to the workroom.

Mutual helpfulness between our customers and ourselves has enabled us to give and gain the fruits of actual field experience. One result is seen in the steady increase in the size of our catalogue and the greater variety of our stock for meeting every need.

Examine carefully the following pages, and whether the interest be in camping, hunting, fishing, exploring or prospecting, some practical suggestions will surely be found.

Our materials and manufacture are the best obtainable. The best is none too good when one considers that in the exigencies of the adventurous life quality may be of vital importance.

WE GUARANTEE EVERYTHING WE MAKE OR SELL.

We earnestly request your attention.

The public are realizing more and more each year the pleasures and benefits derived from outdoor life, but few realize the comfort that can be obtained from a practical outfit, combining lightness and strength.

We are ready at all times to execute special work from specification and designs.

ABERCROMBIE & FITCH CO.

David J. Abercrombie

President

MAY 1st, 1907



CAMPING OUT

There are many sides to life outdoors. One may live it for pleasure or for health or both. One may live it for the love of hunting or fishing, for travel out of the beaten paths, for travel even of as serious a nature as searching the unknown corners of the earth; or business may require one to leave behind the usual abodes of man and carry shelter and all means of living into the wilderness.

It is difficult without having had the experience to know what are essentials of living, we become so habituated to comforts and luxuries; yet this must be decided where capacity and means of carrying are limited; nor can we know, unless after painstaking investigation, how many of these comforts and luxuries have by ingenuity been reduced to a form that makes it possible to include them with the necessities.

We are ready to help in any way we can to decide these matters and in response to many inquiries have prepared the suggestions for a canoe trip which follow. In the catalogue will also be found articles on a pack trip, camp cooking, taxidermy, medicine, venomous bites and the use of the hypodermic syringe.



PREPARATIONS FOR A CANOE TRIP

LOCALITY

This is the first point to be considered. These suggestions are relative to the most popular form of trip, one through wooded and watered country, by canoe and portage. Maps of such localities and information are furnished by the Passenger Agents of the Railroad and Steamship Companies, including description of places, list of guides and best points of departure.

We have collected a great deal of information about trips and more is constantly coming to us, as our friends and ourselves bring in new experiences. We are glad to share these results either through interviews or correspondence.

GUIDES

On a canoe trip, guides are advisable, at least one with his canoe for each person; everywhere one man and his outfit is considered a sufficient care for one guide, and there are cases where a man needs two guides; an extra one as cook will add much to the comfort, for having a cook will prevent taking time for the routine work of camp. The wages of guides vary from \$1.00 to \$3.00 per day, according to the country and what is customary for the guides to furnish, in some cases services, canoe and outfit. Canoes can be hired for 25 to 50 cents per day, depending on the time of hire. Each canoe should be supplied with two paddles and where necessary a setting pole. Should the canoe be hired the choice of type should be left to the guide.

OUTFITTING

Those new to camping often leave their outfitting to be attended to by the guides, resulting in discomfort due to the guides' different point of view. Experienced campers make sure of their needs being supplied by owning their equipment collected and made ready at home, not left to be hurried over at the point of departure; even provisions had better be bought in the accustomed market. All can be carried within the 150 pounds baggage limit granted on a first-class ticket.

PERSONAL OUTFIT

No matter where you go, wool is the best material for clothing; it keeps drier, is softer and makes less noise in the brush than either cotton or linen, and consequently makes the best hunting garment. Several thin layers of clothing or blankets are very much warmer than one layer of the same weight. If a person objects to the feeling of wool let the layer next to the skin be of some other material. Do not take clothes so old and worn as to require repeated patching and sewing. Following is a list of necessities including clothing and articles worn from point of departure:

Three suits thin woolen underwear; 4 pairs heavy woolen socks; 2 gray or blue flannel shirts; 1 Pontiac heavy shirt; 1 large loose coat; 4 handkerchiefs; 1 neckerchief; 1 felt hat, wide brim; 1 pair trousers; 1 towel; 1 pair Scotch knit wool gloves; 1 hair brush; 1 tooth brush; 1 comb; 1 cake soap; 1 pair good hunting boots; 1 pair low oiled moccasins; 1 match safe, waterproof, that floats; 1 belt; 1 sheath knife; 1 watch; 1 compass (pocket); 1 2½-lb. belt axe; 1 poncho; 1 package toilet paper; 1 pack strap; 1 head net; 1 Johnson sleeping bag, folded and laced together at foot and one side, and covered with a waterproof cover; 1 hunting hood, also used as night cap; 1 suit all wool pajamas; 1 hot water bottle, 4-quart, this filled with hot water and placed in sleeping bag on a cold night is better than 5 pounds of extra blankets; 1 piece cotton line, 12 feet long; rifle, ammunition, fishing rod, tackle, camera, tobacco, etc., according to the person's taste and the season of the year; 1 air mattress, weighing 9 pounds, makes an ideal bed and saves a great deal of time gathering boughs.

PARTY OUTFIT—FOUR PERSONS

One 7x9 silk tent with sod cloth—12 lbs.; 1 7¼x7¼ pyramid tent for guides, weighing 8 pounds, both with mosquito proof front if necessary; 1 pot stove for heating wall tent (with telescopic pipe); 1 A. & F. Co. nested cooking and eating outfit of aluminum as follows:

One cooking pot, 9x7½ inches, holding 13 pints, with cover and bail handle; 1 cooking pot, 8x7 inches, holding 10 pints, with cover and bail handle; 1 cooking pot, 7x7 inches, holding 7 pints, with cover and bail handle; 1 coffee pot, 6x6 inches, holding 4 pints, with cover and bail handle; 4 each, cups, bowls, plates, knives, forks, teaspoons and dessert spoons; 2 shallow serving pans with folding handles; 1 dish pan 10x3½ inches; 1 large and 1 small fry pan with detachable handles; 4 sprinkling boxes for pepper, salt, spice and mustard; 4 dish towels, and 2 cloth pot holders; 2 canvas water pails; 2 canvas wash basins; 1 cake soap; 1 cylindrical fiber case, 12x14 inches, to contain the pot stove, cooking and eating outfit, sprinkling boxes, towels, pails, basins and soap, some pieces of cheese cloth for pudding cloth, bean pot, etc., this outfit may be bought and weighs 24 pounds; 1 18-inch aluminum folding reflecting baker or oven in canvas bag containing 1 bread board, 1 wire broiler, 1 large cooking spoon, 1 cake turner, 1 dish mop; (this package is 19x14 inches, and weighs 8 pounds).

One ¾ axe; two small spools of assorted brass wire; 1 box of assorted nails, ¼ pound; 1 oil stone, small; 1 flat file, and piece of emery cloth; 1 pair pincers, medium; 1 awl handle and set of awls; 1 stick of cement for mending fishing rods, etc.; 1 pair scissors, needles, buttons, safety pins; 1 piece of beeswax; 1 spool of linen thread; 1 B. G. I. cleaning rod of brass, for rifles; 1 vial of gun grease; 1 roll of heavy twine, about 30 feet. Roll these small articles in an old piece of cloth suitable for gun cleaning and carry in a little canvas bag with a tube of white lead and copper tacks for mending canoes. This package weighs about 3 pounds. Cylindrical food bags, 3 9-inch provision bags, 2 fiber telescopes, 2 5-6 pack cloths.

Two folding lanterns, aluminum, weighing 4 ounces each; 36 candles, weighing 3 pounds; 1 rolling table top, weighing 3 pounds; 1 set of folding shelves, weighing 2 pounds; 1 brass tube of matches, weighing 1 pound; 1 wall pocket, weighing 1 pound; 2 pack straps, weighing 5 pounds; note book and pencil should be carried; paper, stamps and envelopes may be useful.

FOOD LIST FOR FOUR PERSONS FOR TWO WEEKS

Flour	24 lbs.	Rice	6 lbs.
Corn meal	10 lbs.	Julienne	1 lb.
Beans	6 lbs.	Soup Tablets	½ lb.
Erbswurst	½ lb.	Evaporated Apples	2 lbs.
Bouillon Capsules	1 lb.	Evaporated Apricots	2 lbs.
Lentils	2 lbs.	Salt	1 lb.
Sugar	9 lbs.	Chocolate	1 lb.
Royal Baking Powder....	1 lb.	Tea	1 lb.
Coffee	2 lbs.	Bacon	6 lbs.
Butter	6 lbs.	Dried Potatoes	4 lbs.
Pork	10 lbs.	Shelled Nuts	1 lb.
Shredded Cod Fish.....	1 lb.	Dried Eggs	1¼ lbs.
Peerless Evaporated Milk.	5 lbs.	Dried Onions	¼ lb.
Oatmeal	2 lbs.		

Pepper, spice, mustard—shaker full.

Total, 106½ lbs.

One sees from the small quantity of meat on the list that game or fish will have to be supplied from the woods and waters, but this list is made out for two weeks even without that addition, if there is no waste.

By actual experiment with this list on various trips the maximum consumption of food per head per day was 1.88 pounds, the minimum was 1.23 pounds.

One might be criticised for carrying seven pounds in the shape of rolling table, folding shelves and wall pocket, but the outfit as described will not be overburdened with these articles, and the comfort derived from using them is well worth the additional weight.

PACKING AT HOME

A fiber telescope 18x24x12 inches, with straps and handles, makes the lightest and most convenient packing case. The different articles of food are put up in cylindrical water-proof bags 8½ inches in diameter, and of varying heights, with the exception of butter, which is packed in a cylindrical friction-top tin can of same diameter, and pork, bacon, chocolate and coffee, which are packed in Pantasote leather bags of the same shape. Each package is marked with name of contents.

Pork and Bacon should be sliced for convenience in packing and use and the waste of cover, rind, etc., removed so that the weight represents clear food.

These food packages are then packed one upon another into three cylindrical water-proof canvas provision bags, nine inches in diameter, twenty-four inches high and are then ready for the packing case, the canoe or portage. On the outside of each is a tag showing contents.

Place the folded sleeping bag in the bottom of one of the cases, next one of the tents, then two of the provision bags, and in the hollow made by the bags pack the clothing of one person, pack straps and small articles, then the air mattress.

In another case place the other folded sleeping bag, on top of that the remaining provision bag and beside it a roll made of the stove pipe, the rolling tables and the folding shelves. Next put in the baker outfit, remaining pack straps and small articles, the other tent, the clothes belonging to the other individual and the air mattress.

This makes two articles of luggage, the cooking outfit and stove in their cylindrical case make a third, all ready for the railroad. Leave out the Pantasote ponchos for use in case of rain.

PACKING AT THE POINT OF DEPARTURE

Spread out the pack cloth, lay one of the sleeping bags in the center folded flat as possible, 18x24 inches; on this place the air mattress, then the larger tent, next the baker outfit, finally the extra clothing and small articles. Fold the cover tightly over the package thus made, fold down the ends, turn them over and secure with the twelve-foot rope. Fasten one pack strap on to this package. This pack will weigh about 50 pounds.

Spread out the other pack cloth, and in the center place the other sleeping bag folded 18x24 inches, then the air mattress, next the guide's tent, next the wall pocket, then the extra clothes of the other individual, and the remaining small articles. Fold the cover tightly over the package thus made, fold down the ends, turn them over and secure with the twelve-foot rope; fasten another pack strap to this package. It will weigh about 50 pounds. If the ponchos are not in use fold and slip them under the straps.

Fasten a pack strap on two of the provision bags; this will make a seventy-pound pack. The remaining provision bag, the stove pipe packed with milk, the table top, folding shelves and guide's blankets, etc., fastened together with a pack strap will make another seventy-pound package. This will leave the rifles, fishing rods, cameras, etc., to be carried by hand, and the cooking outfit as an extra load for the strongest packer. A hundred pound-pack is considered a moderate load over a short portage. If the party expects to bring out any heads, scalps or hides, get a peck of coarse salt at the point of departure.



AUTOMOBILE CAMPING OUTFIT

Your automobile can take you camping, or, to put it differently, you can camp as you go automobiling. Many have found the pleasure of it already; we have made outfits for them and have been quite successful, for we have had the actual experience of combining camping and automobiling. We use our regular goods, but roll, fold and pack to suit this means of camping. Each method of transportation seems to have its individual requirements. The great aim in an automobile camp outfit is to have the articles very compact, for the modern touring car is capable of carrying almost any weight of utensils that you can find room for. We do not attempt to advise at length regarding the clothes to be worn, except to call attention to personal outfit under "Preparations for a Canoe Trip"; for the automobile camper must remember that part of his time is spent on the car and part in the bush, and our advice there is equally well adapted to the automobilist and canoeist.

The second consideration is that of housing and sleeping equipment; the third, that of cooking outfit and foods; the fourth, that of packing. We shall describe an outfit for four persons—a fifth or sixth can easily be included according to circumstances without very much increasing the outfit. If the extra person can sleep in the tents already provided, only extra blankets and extra food need be added.

We have found by experience that a party can be taken care of in several small, better than in one large tent. On this basis, the outfit will consist of:

Two waterproof silk canoe tents, $7\frac{1}{2} \times 6$; two 3-piece jointed poles for same in bag; two sets steel pins for same in bag; two pieces 9-thread rope, 50 feet long; two ground cloths, $7\frac{1}{2} \times 6$; four No. 3 sleeping bags, each in a bag; four No. 1 air beds with valve and tube for inflation; four No. 3 chairs; one folding table; one aluminum cooking outfit for four people; one 18-inch aluminum baker; one broiler; one dozen 5-lb. food bags; one dozen 10-lb. food bags; 3 pork bags; one butter tin; one aluminum lantern; one dozen candles; one $\frac{3}{4}$ axe with sheath; one water-proof silk paulin, 12 ft. by 12 ft.; two leatheroid packing cases, special size, $34 \times 19 \times 12$ inches. It is not necessary to give here a list of foods; we refer to the list under "Preparations for a Canoe Trip." These can be packed in the food bags mentioned; and the bags of food placed with the cooking outfit, baker, broiler and paulin in one of the leatheroid cases (or the paulin may be left out

for emergency, folded and put under one of the seats); the tents should be rolled up and put in the other leatheroid case together with pins, poles, axe, ground cloths, rope, lantern and candles; the chairs and table packed in one of our clothes bags, another drawn over the top to keep out not only rain, but dust. Each sleeping bag is rolled with an air bed, packed in a clothes bag and over the top another clothes bag drawn to keep out dust and rain. You will find that there is room in each one of the leatheroid cases for some extra clothing and each case should have a water-proof canvas cap drawn over its top and sides to keep out dust and rain. One leatheroid case can be put on the luggage carrier, the four sleeping bags and the bag with table and chairs on top; the other case can be carried securely fastened on the running board. If this is objectionable, carry both cases on the luggage carrier, the sleeping bags on the running board or inside the car. At any rate, there is ample room on the touring car, and the ingenuity and taste of the occupants will govern the choice of the most suitable method of packing the car.

After selecting the camp site, have the car drawn up so as to leave one side facing a clear space, throw one end of the paulin over top of car and fasten to car by its ropes. The other end can be pulled out to trees or poles, and, if necessary, the centre elevated somewhat by poles. This should give a covered space at the side of the car at least 10x12 feet, under which can be placed the table and chairs; off to one side of the open space cooking can be done, and on the other two sides the two tents erected. By this arrangement, all the proceedings of the camp will be under shelter and the car can be made use of. This will make a very convenient and comfortable camp. The tire pump can be used to inflate the air beds and the acetylene outfit on the car will light up the camp, by changing the position of the lamps.

Food for the entire trip can be carried on the car or may be picked up as the journey proceeds.

TENTS

All those who have ever lived in tents know of the discomfort and trials attending a leaky roof. To find the interior of the tent wet on return to camp after a hard day's hunt or tramp, or to awake suddenly in the night and find the rain trickling through the treacherous canvas, does not add to one's comfort or peace of mind.

In order to do away with these annoyances we have perfected a line of



Waterproof Tents

The material is unique and the process we employ increases the strength of the cloth, renders it absolutely waterproof and is a protection, though not absolute, against mildew. It will not heat and stick together and rats or vermin will not attack. It can be rolled up wet for a time without serious injury, although it is better to dry it if possible. The material will not absorb water and does not become heavy when wet.

They are very much lighter in weight than the ordinary tent, and flies can be done away with entirely, as they are not necessary with our water-proof tents.

The extremely light weight silk tents are made of a water-proof balloon silk, which is lighter and packs more compactly than any other material used. Each seam is reinforced by a tape, which bears the strain when erected, and are hand finished throughout in such manner that we make the broad claim: **THEY ARE THE BEST TENTS MADE.**

We also use another material which has the distinct advantage of being tan color—this is a fine-yarn, close-woven Kharki. The color, a dead-grass tan, makes this particularly desirable for tents which are to be used in the open, as the glare of the sun is greatly modified and flies are not so troublesome. For this reason it is the best tent for summer work.

Our water-proof tents will be found all over the world, and wherever used have given the greatest satisfaction and proved a source of great comfort. The cost is very little more than plain canvas.

We use no grommets in our tents, but instead use hand-worked eye-lets over steel rings; and we use only metal tent slides, which are vastly superior to the old wooden slides. When stove-pipe holes are required we place the hole in the roof near the ridge, on the right-hand side looking in, unless ordered otherwise; when not in use an outside flap protects the interior.

The necessity of protecting the tent from the hot stove-pipe is usually met with various awkward and useless contrivances. We provide, however, an asbestos ring or collar, made especially for us, which forms a neat, perfect guard that will roll up snugly with the tent—it is absolutely noiseless, even in a wind.

Our tents can be made entirely damp and wind-proof by adding a ground cloth, permanently sewed to the tent, which always affords a clean floor and protects the tent when rolled up.

Perfect protection can be had against flies and mosquitoes by placing a curtain in the front of tent made of fine mesh English bobbinet. Windows can be placed in tent anywhere to suit the fancy and are reinforced at the opening by tapes and covered with bobbinet. On the outside is an ample protecting flap made to lower and raise from inside the tent.

Doors are made in one end of tent only, unless ordered otherwise, for which there will be an extra charge. Sod cloth on a tent is a cloth nine inches wide jointed to the bottom on the inside, upon which is placed logs, stones or earth to keep out wind, flies and other pests.

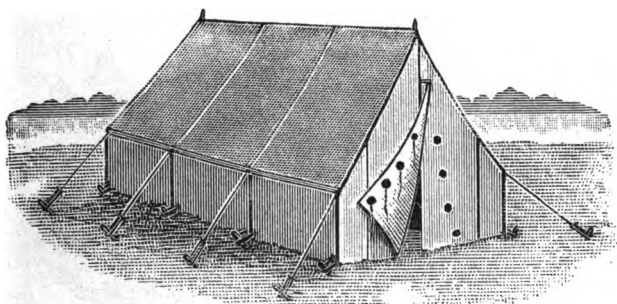
Rope ridge on a tent is a heavy woven tape sewed along the ridge with loops at each end, so that the tent may be erected without the use of ridge poles.

We also make plain canvas tents (not processed). In comparing our prices please note the good pitch and the high center and walls, which afford needed room and ventilation. Our shop is fully equipped and prepared to produce the best in design, material and workmanship, and if any combination of material and shape of tent is desired that is not mentioned in this catalogue, we shall be glad to fill such orders, and we are always ready to design a style to fit peculiar needs and requirements.

The weights given are approximate.



SPECIAL WATERPROOF WALL TENT



Order by Number	Size	Height		Weight	Net Price	Ridge, Poles and Stakes
		Centre	Wall			
W 1	5 x 7¼	7-0	2-6	13 lbs.	\$ 6.50	\$1.40
W 2	7¼ x 7¼	7-6	3-0	14½ "	8.50	1.50
W 3	7¼ x 9¾	7-6	3-0	18 "	10.50	1.70
W 4	9¾ x 9¾	8-6	3-6	24 "	12.00	1.85
W 5	9¾ x 12	8-6	3-6	26 "	14.25	2.00
W 6	9¾ x 14½	8-6	3-6	31½ "	16.50	2.35
W 7	12 x 12	9-6	4-0	35 "	17.50	2.35
W 8	12 x 14½	9-6	4-0	39 "	19.00	2.50
W 9	12 x 17	9-6	4-0	42 "	22.00	2.70
W 10	14½ x 14½	10-6	4-6	42½ "	23.00	2.60
W 11	14½ x 17	10-6	4-6	48 "	25.50	2.80
W 12	14½ x 19	10-6	4-6	53 "	27.50	3.00

Add for 9-inch sod cloth, 3 cents net per lineal foot, measured around tent.

Add for rope ridge, 5 cents net per lineal foot, measured along the ridge.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

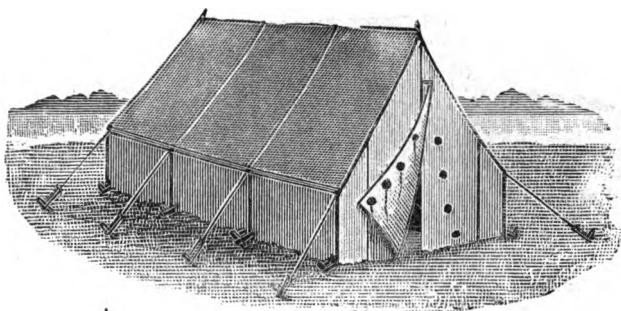
Add for asbestos ring placed in stovepipe hole, \$1.75 net.

Add for mosquito and fly proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

The 7¼x7¼ size packs into a roll 7x30 inches.



KHARKI WALL TENT



Order by Number	Size	Height		Weight	Net Price	Ridge, Poles and Stakes
		Centre	Wall			
K 1	5 x 7	7-0	2-6	13¼ lbs.	\$ 8.60	\$1.25
K 2	7 x 7	7-6	3-0	17½ "	10.25	1.50
K 3	7 x 9	7-6	3-0	21½ "	11.75	1.70
K 4	9 x 9	8-6	3-6	27 "	13.75	1.85
K 5	9 x 12	8-6	3-6	31 "	16.00	2.00
K 6	9 x 14	8-6	3-6	36 "	18.50	2.20
K 7	12 x 12	9-6	4-0	40 "	20.00	2.20
K 8	12 x 14	9-6	4-0	45 "	22.50	2.35
K 9	12 x 17	9-6	4-0	49½ "	25.00	2.50
K 10	14 x 14	10-6	4-6	52 "	27.00	2.40
K 11	14 x 17	10-6	4-6	57½ "	30.00	2.55
K 12	14 x 19	10-6	4-6	64 "	32.00	2.75

Add for 9-inch sod cloth, 4 cents net per lineal foot, measured around tent.

Add for rope ridge, 5 cents net per lineal foot, measured along the ridge.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

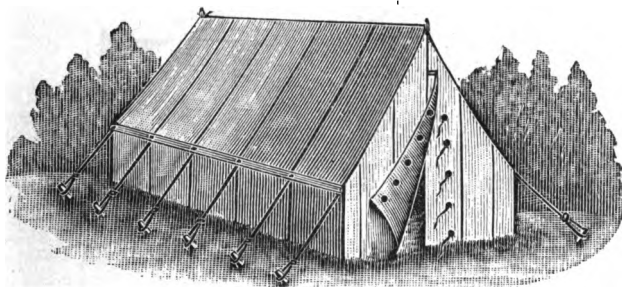
Add for asbestos ring placed in stovepipe hole, \$1.75 net.

Add for mosquito and fly proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

The 5x7 size packs into a roll 7x30 inches.



WATERPROOF SILK WALL TENT



Order by Number	Size	Height		Weight	Net Price	Ridge, Poles and Stakes Net
		Centre	Wall			
SW 1	4½ x 7½	6-0	1-6	8 lbs.	\$13.80	\$1.40
SW 2	6 x 7½	6-6	2-0	9½ "	16.25	1.45
SW 3	7½ x 7½	7-0	2-0	10 "	19.75	1.50
SW 4	7½ x 9	7-6	3-0	12¼ "	25.10	1.70
SW 5	9 x 9	7-6	3-0	14 "	28.50	1.85
SW 6	9 x 10½	7-6	3-0	15¼ "	31.55	2.00
SW 7	9 x 12	7-6	3-0	16¾ "	34.75	2.25
SW 8	10½ x 10½	8-6	3-6	18 "	36.55	2.35
SW 9	10½ x 12	8-6	3-6	19¾ "	39.30	2.40
SW 10	12 x 12	9-0	3-6	21¾ "	43.00	2.50
SW 11	12 x 13½	9-0	3-6	23½ "	46.10	2.60

These tents are all made complete with sod cloth and rope ridge.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

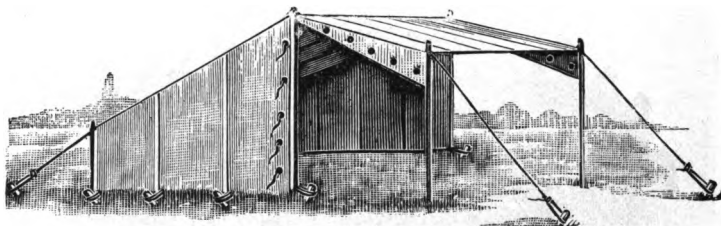
Add for asbestos ring placed in stovepipe hole, \$1.75 net.

Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

The 7½x7½ size packs into a roll 6x18 inches.



SPECIAL WATERPROOF BAKER OR SHELTER TENT



Order by Number	Size	HEIGHT		Net Price	Weight	Ridge, Poles and Stakes
		Front	Back			
WB 1	5 x 7½	5-0	2-0	\$ 6.50	14 lbs.	\$1.50
WB 2	7½ x 7½	7-0	2-6	8.50	16 "	2.00
WB 3	9¾ x 7½	7-0	2-6	10.50	20 "	2.25
WB 4	9¾ x 9¾	8-6	3-6	13.00	25 "	2.60
WB 5	12 x 9¾	8-6	3-6	15.50	29 "	2.75
WB 6	14½ x 9¾	8-6	3-6	18.00	35 "	3.00

Add for 9-inch sod cloth, 3 cents net per lineal foot, measured around tent.

Add for rope ridge, 5 cents net per lineal foot, measured along the ridge.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.

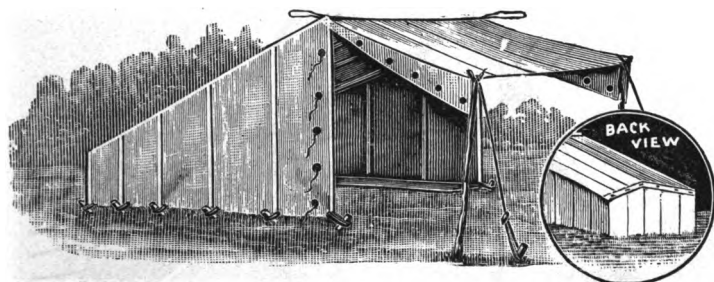
Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

This form of tent is particularly adapted to the needs of hunters and those changing camp often. It is easily heated and made cheerful from a log fire in front and is considered by many the most useful and convenient made.

The 7½x7½ size packs into a roll 7x30 inches.



WATERPROOF SILK BAKER OR SHEL- TER TENT



Order by Number	Size	HEIGHT		Net Price	Weight	Ridge, Poles and Stakes
		Front	Back			
SB 1	3 x 7½	4-0	1-0	\$ 9.25	4½ lbs.	\$1.40
SB 2	4½ x 7½	5-0	1-6	12.50	6¼ "	1.60
SB 3	6 x 7½	5-0	1-6	15.80	7½ "	1.70
SB 4	7½ x 7½	5-0	1-6	17.60	8¾ "	1.75
SB 5	7½ x 7½	7-0	2-6	21.25	10¾ "	2.20
SB 6	9 x 7½	7-0	2-6	24.00	12½ "	2.25
SB 7	9 x 9	7-6	3-0	28.30	14½ "	2.35
SB 8	10½ x 9	7-6	3-0	30.00	16 "	2.50

These tents are all made complete with sod cloth and tape ridge.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.

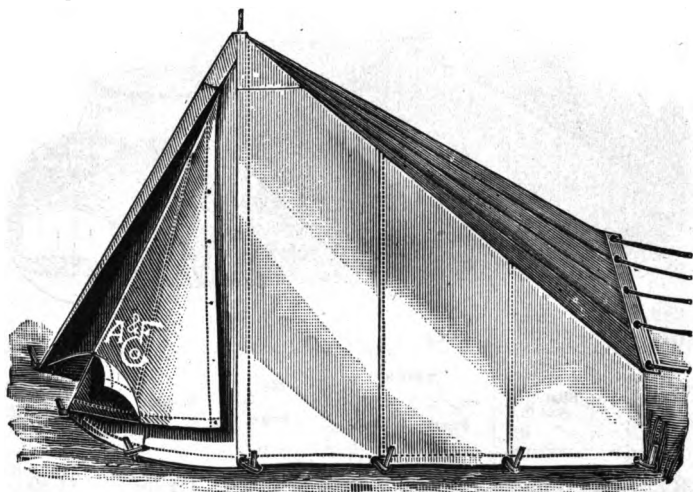
Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

This form of tent is particularly adapted to the needs of hunters and those changing camp often. It is easily heated and made cheerful from a log fire in front and is considered by many the most useful and convenient made.

The 7½x7½ size packs into a roll 6x18 inches.



SPECIAL WATERPROOF CANOE TENT



Order by Number	Size of Rectangular Part Width Depth	HEIGHT		Weight	Net Price	Pole and Stakes
		Centre	Wall			
OC 1	7½ x 5	7-0	2-6	14 lbs.	\$ 8.00	\$.55
OC 2	7½ x 7½	7-6	3-0	17 "	11.00	.60
OC 3	9¾ x 7½	7-6	3-0	21 "	13.50	.65
OC 4	9¾ x 9¾	8-6	3-6	26 "	16.00	.75
OC 5	12 x 9¾	8-6	3-6	29 "	17.25	.80

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.

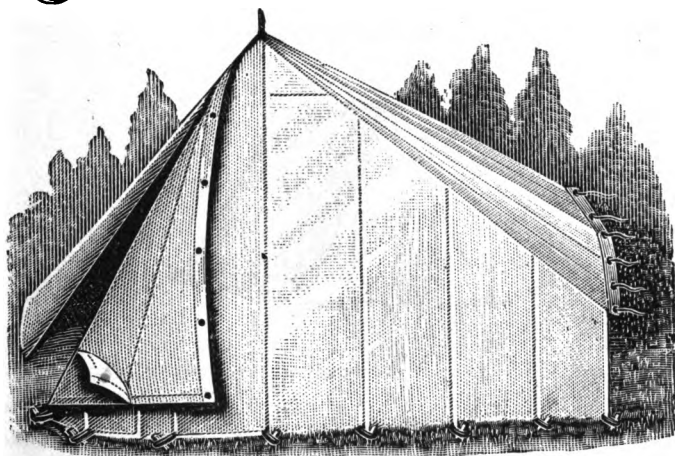
Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

The 9¾x9¾ size packs into a roll 7x30 inches.

This form of tent was designed by us especially for canoeists and those who require a tent that can be quickly erected with the use of but one pole. It is made to afford the needed floor space without the usual accompanying bulk of walls and roof. The sizes given are for the rectangular part only, in addition to which there is considerable space in the semi-circular front. These tents are all made with sod cloth, and the back is arched to better shed rain and give additional head room.



WATERPROOF SILK CANOE TENT



Order by Number	Size of Rectangular Part Width Depth	HEIGHT		Weight	Net Price	Pole and Stakes
		Centre	Wall			
SC 1	7½ x 4½	6-0	1-6	5½ lbs.	\$10.75	\$.45
SC 2	7½ x 6	7-0	2-0	7½ "	14.60	.50
SC 3	7½ x 7½	7-0	2-0	8½ "	17.25	.55
SC 4	9 x 7½	7-6	3-0	11 "	20.55	.60
SC 5	9 x 9	7-6	3-0	12 "	22.30	.65
SC 6	10½ x 9	7-6	3-0	13½ "	26.00	.65
SC 7	12 x 9	7-6	3-0	15 "	28.50	.70

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.

Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

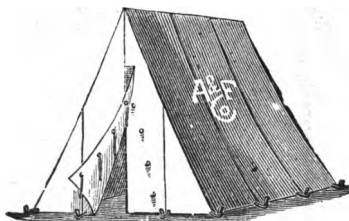
The 9x10½ size packs into a roll 6x18 inches.

This form of tent was designed by us especially for canoeists and those who require a tent that can be quickly erected with the use of but one pole. It is made to afford the needed floor space without the usual accompanying bulk of walls and roof. The sizes given are for the rectangular part only, in addition to which there is considerable space in the semi-circular front. These tents are all made with sod cloth, and the back is arched to better shed rain and give additional head room.



SPECIAL WATERPROOF "A" OR WEDGE TENT

SQUARE ENDS



Order by Number	Size	Height	Net Price	Weight	Ridge, Poles and Stakes
WA 1	5 x 7¼	7-0	\$ 6.00	9¾ lbs.	\$1.25 net
WA 2	7¼ x 7¼	7-6	7.25	12 "	1.40 "
WA 3	7¼ x 9¾	7-6	8.75	15½ "	1.50 "
WA 4	9¾ x 9¾	8-6	11.00	18 "	1.70 "
WA 5	9¾ x 12	8-6	13.25	21 "	1.80 "
WA 6	12 x 12	9-6	15.00	24 "	2.00 "
WA 7	12 x 14½	9-6	17.25	27½ "	2.10 "

Add for 9-inch sod cloth, 3 cents net per lineal foot, measured around tent.

Add for rope ridge, 5 cents net per lineal foot, measured along the ridge.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.

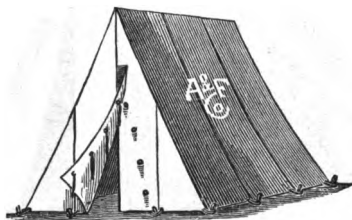
Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

The 7¼x9¾ size packs into a roll 7x30 inches.



WATERPROOF SILK "A" OR WEDGE TENT

SQUARE ENDS



Order by Number	Size	Height	Net Price	Weight	Ridge, Poles and Stakes
SA 1	3 x 7½	4 ft.	\$ 7.60	4¾ lbs.	\$.75 net
SA 2	4½ x 7½	5 "	10.80	6 "	.80 "
SA 3	7½ x 7½	7 "	14.40	9½ "	.90 "
SA 4	7½ x 9	7 "	17.25	10½ "	1.10 "
SA 5	9 x 9	8 "	20.00	12½ "	1.20 "
SA 6	9 x 10½	8 "	22.55	13¾ "	1.40 "
SA 7	10½ x 10½	9 "	26.40	16 "	1.50 "
SA 8	10½ x 12	9 "	32.60	17½ "	2.50 "

These tents are all made complete with sod cloth and rope ridge.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.

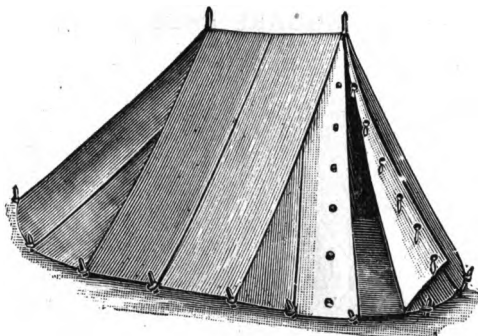
Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

The 7½x9 size packs into a roll 6x18 inches.



WATERPROOF SILK "A" OR WEDGE TENT

ROUND ENDS



LENGTH OF RIDGE 3 FEET IN ALL SIZES.

Order by Number	Extreme Size on Ground	Height	Net Price	Weight	Ridge, Poles and Stakes
SAR 1	3 x 6	4 ft.	\$ 7.00	2½ lbs.	\$1.10
SAR 2	4 x 7	5 "	7.50	3¼ "	1.40
SAR 3	5 x 8	6 "	10.30	4½ "	1.50
SAR 4	6 x 9	7 "	13.60	5¾ "	1.65
SAR 5	7 x 10	7½ "	14.30	6¾ "	1.80
SAR 6	8 x 11	8 "	16.90	7¾ "	2.20

Add for 9-inch sod cloth, 7 cents net per lineal foot, measured around tent.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.

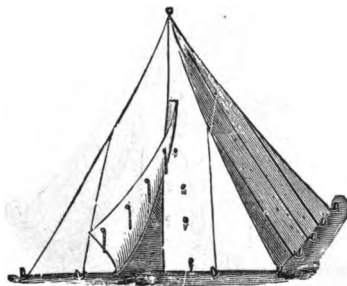
Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

This form of tent is the favorite in the Hudson Bay country, for it covers much ground for the amount of material in it, and in erecting the shape of the floor space can be altered from the listed dimensions, if desirable, by spreading the sides, thus flattening the ends and lowering the ridge. This is the lightest tent we make.

The 8x11 size packs into a roll 6x18 inches.



SPECIAL WATERPROOF MINER'S TENT



Order by Number	Size	Height	Net Price	Weight	Poles and Stakes
WM 1	5 x 7 $\frac{1}{4}$	7-0	\$ 4.80	6 lbs.	\$.50
WM 2	7 $\frac{1}{4}$ x 7 $\frac{1}{4}$	7-6	5.70	8 $\frac{1}{2}$ "	.60
WM 3	7 $\frac{1}{4}$ x 9 $\frac{3}{4}$	7-6	7.20	9 $\frac{3}{4}$ "	.65
WM 4	9 $\frac{3}{4}$ x 9 $\frac{3}{4}$	8-6	9.00	12 $\frac{1}{2}$ "	.70
WM 5	9 $\frac{3}{4}$ x 12	8-6	10.20	14 $\frac{1}{2}$ "	.75
WM 6	12 x 12	9-6	12.00	17 $\frac{1}{2}$ "	.85

Add for 9-inch sod cloth, 3 cents net per lineal foot, measured around tent.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.

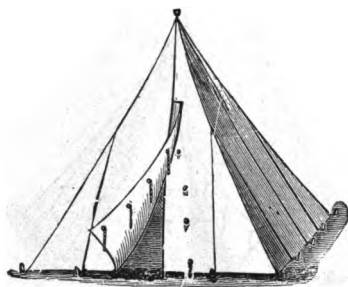
Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

The 9 $\frac{3}{4}$ x9 $\frac{3}{4}$ size packs into a roll 7x30 inches.

These tents can be had other sizes, and with walls. Prices on application.



WATERPROOF SILK MINER'S TENT



Order by Number	Size	Height	Net Price	Weight	Poles and Stakes
SM 1	3 x 7½	5-0	\$ 6.75	3¼ lbs.	\$.58
SM 2	4½ x 7½	6-0	8.25	5 "	.66
SM 3	6 x 7½	7-0	10.75	6¼ "	.78
SM 4	7½ x 7½	7-0	12.90	7 "	.82
SM 5	7½ x 9	7-0	14.95	8½ "	.92
SM 6	9 x 9	8-0	16.50	9¼ "	1.00
SM 7	9 x 10½	8-0	18.10	10¼ "	1.00
SM 8	10½ x 10½	9-0	20.00	11¼ "	1.00

These tents are all made with sod cloth.

Add for window placed in tent, \$2.50 net.

Add for stovepipe hole, 75 cents net.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.

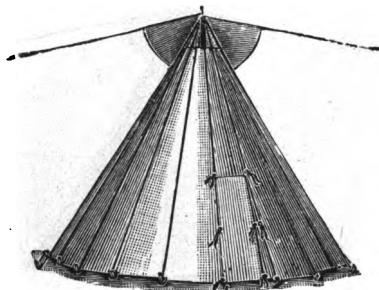
Add for mosquito and fly-proof front, made of bobbinet, 10 cents net per square foot, measuring the square feet in the front of tent.

The 9x10½ size packs into a roll 6x18 inches.

These tents can be had other sizes and with walls. Prices on application.



SPECIAL WATERPROOF SIBLEY TENTS



Order by Number	Diameter	Height	Net Price	Weight	Poles and Stakes
WS 1	7 ft.	7 ft.	\$ 6.00	6 lbs.	\$.45
WS 2	9 "	8 "	8.65	8½ "	.55
WS 3	10 "	9 "	10.20	11 "	.60
WS 4	12 "	9 "	13.10	13¾ "	.65
WS 5	14 "	10 "	15.00	18½ "	.85
WS 6	16 "	12 "	17.25	24½ "	1.00

Add for 9-inch sod cloth, 3 cents net per lineal foot, measured around tent.

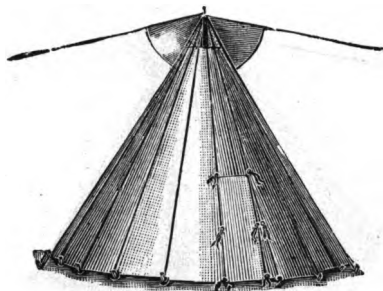
Add for window placed in tent, \$2.50 net.

Stovepipe hole or asbestos ring is unnecessary with this form of tent, as the stovepipe can be led along the center pole through the circular opening at the top. A good feature of this tent is that an open fire can be built inside with perfect safety, the opening at the top acting as smoke vent. An excellent way to erect this tent is to hang it from a tripod of poles cut from the woods. A mosquito and fly-proof door of bobbinet can be added to these tents for from \$2.00 to \$3.00.

The 12-foot size packs into a roll 7x30 inches.



WATERPROOF SILK SIBLEY TENTS



Order by Number	Diameter	Height	Net Price	Weight	Poles and Stakes
SS 1	7 ft.	7 ft.	\$13.00	6 lbs.	\$.62
SS 2	9 "	8 "	16.20	7 "	.68
SS 3	10 "	9 "	19.80	9 "	.84
SS 4	12 "	9 "	22.70	10½ "	.90
SS 5	14 "	10 "	29.30	13¼ "	1.00

These tents are all made with sod cloth.

Add for window placed in tent, \$2.50 net.

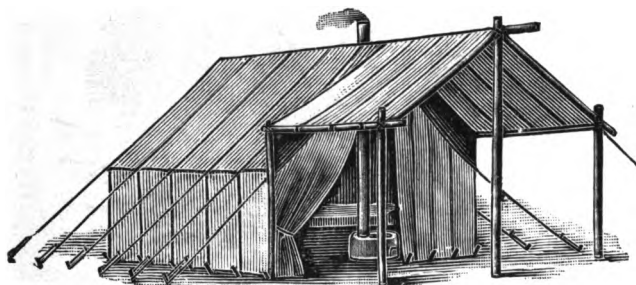
Stovepipe hole or asbestos ring is unnecessary with this form of tent, as the stovepipe can be led along the center pole through the circular opening at the top. A good feature of this tent is that an open fire can be built inside with perfect safety, the opening at the top acting as smoke vent. An excellent way to erect the tent is to hang it from a tripod of poles cut from the woods. A mosquito and fly-proof door of bobbinet can be added to these tents for \$2.00 to \$3.00.

The 12-foot size packs into a roll 6x18 inches.

These tents can be had other sizes and with walls. Prices on application.



DINING FLYS



We make this addition to the front of wall tents, in the special water-proof, Kharki and water-proof silk materials, as per dimensions given below. They are made detachable, unless ordered sewed to the tent. This fly protects the camper from sun or rain, while eating or sitting out of doors, and frequently the front of the tent can be left open where otherwise it would have to be closed against the weather. Its efficiency can be further increased by detachable drop curtains. The distance from ground to side of fly is five feet.

MADE FOR A TENT	Special Waterproof		Waterproof Silk		Kharki	
	7½ ft. Extension	Each 15 in. of Extension add	7½ ft. Extension	Each 18 in. of Extension add	7 ft. Extension	Each 14 in. of Extension add
4½ feet wide.....	.....	.....	\$ 6.00	\$1.00	.....	.....
5 " "	\$3.50	\$.40	.....	.....	\$3.75	\$.50
6 " " .....	.....	.....	7.50	1.10	.....	.....
7¼ " "	4.75	.70	.....	.....	5.00	.75
7½ " " .....	.....	.....	9.00	1.25	.....	.....
9 " " .....	.....	.....	10.50	1.35	5.50	.85
9¾ " "	5.25	.75	.....	.....	.....	.....
10½ " " .....	.....	.....	12.00	1.45	.....	.....
12 " "	6.00	1.00	13.00	1.50	7.50	1.10
Rectangular flys or cur- tains.....	5c. net per sq. ft.		9c. net per sq. ft.		5½c. net per sq. ft.	



U. S. A. DUCK WALL TENTS



PRICES INCLUDE TENT WITH POLES, STAKES AND ROPES							PRICES OF FLYS ONLY		
Size in feet	Height to Centre, ft.	Height Wall, feet	Yacht Twill	U. S. Army Standard White Cotton Duck			Yacht Twill	U. S. Army Standard White Cotton Duck	
			6½ oz. 30 in.	8 oz. 28½ in.	10 oz. 28½ in.	12 oz. 28½ in.	6½ oz. 30 in.	8 oz. 28½ in.	10 oz. 28½ in.
7 x 7	7	2	\$ 7.00	\$ 8.65	\$10.15	\$11.40	\$ 2.60	\$ 3.45	\$ 4.25
7 x 9½	7	2	8.30	9.95	11.75	13.10	3.45	4.60	5.60
9½ x 9½	8	3	10.25	12.80	15.20	17.10	3.75	4.95	6.10
9½ x 12	8	3	11.75	14.70	17.50	21.65	4.65	6.15	7.60
12 x 12	9	3½	14.30	17.80	21.15	23.80	5.40	7.15	8.80
12 x 14	9	3½	16.00	19.95	23.70	26.70	6.50	8.60	10.50
14 x 14	10	4	19.00	23.75	28.25	31.80	7.00	9.50	11.70
14 x 16½	10	4	21.00	26.25	31.15	35.00	8.40	11.10	13.65
14 x 18½	10	4	22.90	28.70	34.10	38.35	9.60	12.70	15.55
14 x 21	10	4	24.90	31.10	36.90	40.60	10.75	14.20	17.45
16½ x 21	10	4	26.90	33.60	39.85	44.95	11.70	15.40	18.95
16½ x 23	10	4	29.00	36.25	43.00	48.50	13.00	17.15	21.00
16½ x 30	10	4	35.45	44.30	52.65	59.25	16.80	22.20	27.20
18½ x 23	11	4	32.80	41.00	48.75	54.80	14.00	19.35	23.75
21 x 28	12	4	45.50	56.25	66.25	74.40	21.80	26.15	32.05
21 x 40	12	4	59.15	73.15	86.25	96.70	28.00	36.90	45.35
21 x 49	12	4	70.00	86.55	102.10	114.55	34.50	45.50	55.85

Add for 9-inch sod cloth, 4 cents net per lineal foot, measured around tent.

Add for rope ridge, 5 cents per lineal foot, measured along the ridge.

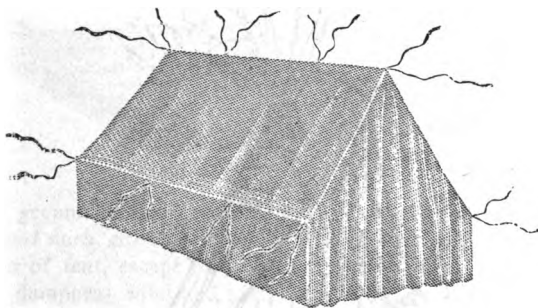
Add for window placed in tent, \$2.50.

Add for stovepipe hole, 75 cents.

Add for asbestos ring placed in stovepipe hole, \$1.75 net.



INSECT PROOF TENT LINING



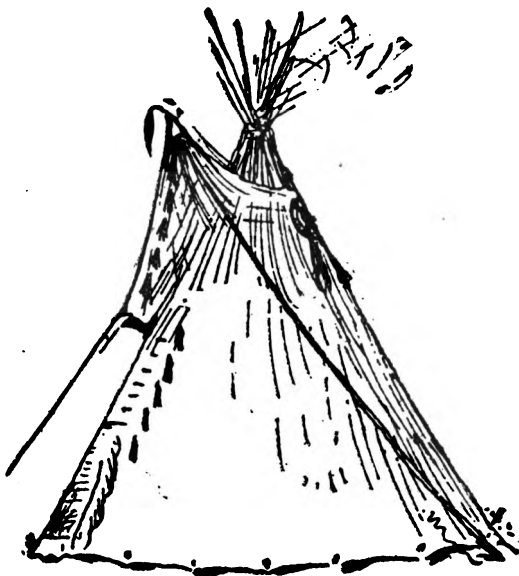
We advocate the use of insect-proof tent fronts made of English bobbinet. This we think is the neatest and most serviceable protector. However, there are some who prefer a cheese cloth lining the size and shape of the tent. It is suspended from the ridge and tied out to the four corners; the front must be lifted to give entrance. This lining is a separate piece and can be used apart from the tent if desired. The bobbinet front is attached to the tent but can be tied up out of the way when not needed. It seems to us there is no need of two thicknesses of cloth in back sides and roof to keep out insects, the only exposed place being the open front. However, we are glad to furnish our customers either of these protectors. The prices given on cheese cloth tent linings is for either Wall, Baker, Canoe, Wedge or Miner shape.

Size of Tent (about)	Price, Net	Size of Tent (about)	Price, Net
$4\frac{1}{2} \times 7\frac{1}{2}$	\$2.00	$9 \times 10\frac{1}{2}$	\$4.50
$6 \times 7\frac{1}{2}$	2.40	9×12	5.00
$7\frac{1}{2} \times 7\frac{1}{2}$	2.85	$10\frac{1}{2} \times 10\frac{1}{2}$	5.25
$7\frac{1}{2} \times 9$	3.60	$10\frac{1}{2} \times 12$	5.65
9×9	4.10	12×12	6.00

The price of English bobbinet fronts is 10 cents per square foot measuring square feet in front of tent.



INDIAN TEEPEE

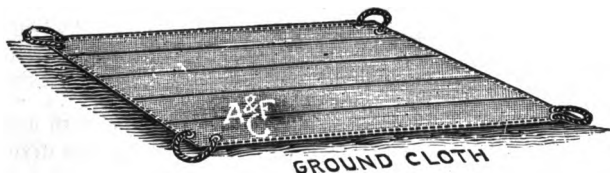


Diameter	Height on Slope	Weight	Price	Number of Poles Necessary	Price of Poles
7 ft.	7 ft.	6 lbs.	\$ 9.60	9	\$2.70
9 "	9 "	10 "	13.35	11	3.35
12 "	12 "	21 "	20.00	14	4.25
16 "	16 "	31 "	25.00	18	5.50
20 "	20 "	47 "	38.50	22	6.50

The teepee has been the lodge of the Indian for many generations. He made it and makes it still according to a definite plan which we have learned. He made it of skins or cloth and we follow his plan in kharki. While the teepee is considered to have a great number of good points as a tent, we do not recommend it for general use, because of the difficulty of getting and carrying the large number of poles required. The teepee has become very popular among our youth as an outdoor play house and we are prepared to supply this need. We supply bamboo poles which are as straight, clear and strong as the old lodge poles and very much lighter. Our teepees as listed above are plain, we leave the matter of decoration to our customers choice. The design and price can be determined at the time of purchase.



BROWN WATERPROOF GROUND CLOTH

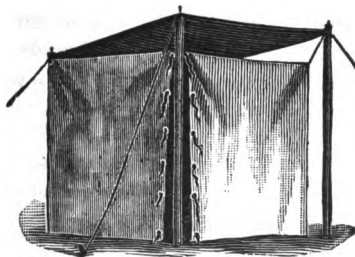


This ground or floor cloth is made of a suitable weight of brown water-proof duck, either separate, as in above cut, or permanently sewed to bottom of tent, except at the front or door, thus making a floor to keep out dampness, wind and pests; weight, 2 ounces per square foot.

Net price per square foot, 7 cents; if sewed to tent, 8 cents per square foot.



TOILET TENT



These tents are made of a plain light drill five feet square on the ground, five feet high at the back, with the roof extending to six feet high in the front, leaving the top partially open for ventilation.

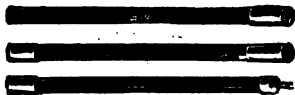
This tent should form a separate package in the outfit and after a trip should be thoroughly washed before storing or else thrown away.

Weight, 6 lbs.; price, \$3.75 net.

Poles and stakes, \$1.50 net.



JOINTED TENT POLES



We have jointed poles, accurately turned on a lathe, with male and female brass ferrules for joint, so that repeated wetting and drying has no effect on the joining and separating.

Poles 5 ft. long or less (2 joints), weighs $2\frac{1}{4}$ lbs. Price, each, \$1.10 net.

Poles $7\frac{1}{2}$ ft. long or less (3 joints), weighs $3\frac{1}{2}$ lbs. Price, each, \$1.60 net.

Poles 10 ft. long or less (4 joints), weighs $4\frac{1}{2}$ lbs. Price, each, \$2.10 net.

Poles $12\frac{1}{2}$ ft. long or less (5 joints), weighs $5\frac{3}{4}$ lbs. Price, each, \$2.70 net.

Add 6 cents for each extra foot in length when joints are made over $2\frac{1}{2}$ ft. long.

STEEL TENT POLES



We have improved on our pattern of steel tent pins. They are stiffer and stronger than the old pattern, without any increase in weight. We now carry three sizes to meet a variety of needs.

Length.	Weight per doz.	Price, per doz.
9 inches	$1\frac{1}{2}$ lbs.	\$0.60
12 inches	$4\frac{1}{4}$ lbs.	.85
15 inches	7 lbs.	1.00

METAL TENT SLIDE



Patented Dec. 1, 1903

Every one using tents knows the bother of the ordinary wooden tent slides swelling, shrinking and splitting when exposed. In our metal tent slide we have obviated all these difficulties by a unique device made of galvanized steel and brass wire. We have never made or heard of a better device for the purpose.

Galvanized steel, weight $4\frac{1}{2}$ oz. per doz.

Price, 25 cents net per doz.

Brass, weight 5 oz. per doz.

Price, 50 cents net per doz.

CAMP OUTFITS AND CAMP FURNISHINGS

Making camp, forming tables, chairs, shelves and beds from resources of the forest by ingenious contrivances is a pleasure of which one would not wish to be deprived, but it takes time, and when camp is to be frequently shifted it would seem that those conveniences must be sacrificed, were it not for the portable folding furniture which forms part of our outfit.

Why sit on the ground when a comfortable canvas chair might be unfolded in a few seconds? Why hold your plate in your lap when a folding table might be quickly set up? Why let small articles lie around to be lost when they can be systematically and safely kept in a wall pocket? Why lie on lumpy ground when an aid bed can be quickly inflated, or other of our beds be made use of?

These articles are in every way first class, none better are to be had.

We have reasons for recommending all the smaller articles here included among camp outfits and no item is too small not to have received due consideration. We are particularly proud of the axes, machets and picks we handle. They are made after patterns selected by us, which we think particularly suited to camp needs.

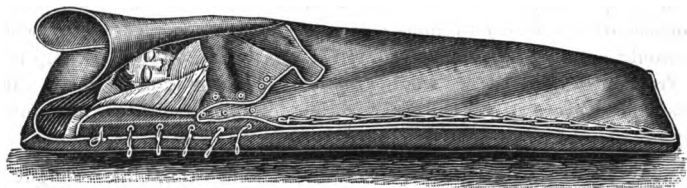
We think that utility and simplicity have been studied with particular success in the folding lantern which we sell.

No department of camp outfit shows more development than that of beds. From the primitive way of rolling in a blanket and lying on the ground, feet to the fire, to our luxurious combination sleeping bag, feet to a hot water bottle, is a decided advance affecting both health and comfort. We claim there is nothing intricate or troublesome about this luxury to make it unsuitable to the simplicity of camp life.

Camp furniture would not be complete without a stove, and for the occasions when one is needed our folding and box stoves will be found quite up to the character of the rest of our outfit for lightness, durability and convenience. Much less fuel is needed cooking by stove than cooking by camp fire, thus a stove is almost a necessity where fuel is scarce.

One of our folding grates will be found a great convenience in cooking by a camp fire. Where fuel has to be carried alcohol is found to be best, and for burning this we have the proper stoves. In the vicinity of cities these burners are universally used by canoeists.

THE JOHNSON WATERPROOF SLEEPING BAG



The Johnson sleeping bag is made of two parts, the cover for protection from rain, dampness and wind and the lining to retain the heat of the body while sleeping. The cover is made of the best close woven water-proof canvas, without seam and with edges bound with a special linen braid which is better than leather binding. The pattern is unique. A side and foot are closed over an under-lapping piece with a row of braided loops as shown in the cut. This device insures a tight and strong bag when laced, yet one that can be instantly opened and spread to air. This gives cleanliness and comfort without the accumulation of condensed moisture as in a permanently closed bag. The cover is seven feet long and six feet wide when opened flat, and seven by three feet when made into a bag, giving ample room for the sleeper. The loop lacing extends only six feet up from the foot, which leaves an opening of a foot for the head. The top may be turned down and the head be entirely exposed if desired. Continuous with the bottom of the cover is an extra flap, three feet long, which may be drawn over the head when used in the open. This flap can be used to stand on when undressing and when not needed over the head the clothes can be rolled up in it for protection from dampness. We use as lining blankets especially made for us, absolutely all-wool and of a weight which experience has taught us makes the best bed.

In our lining we take advantage of the principle that a number of thin layers of covering retain the heat of the body longer than one thickness of the same weight. In this way the user can secure the same warmth with less weight than by having thick, heavy blankets, and at the same time less bulk in packing and greater ease in handling. Our linings spread flat measure seven feet long by six wide, the same measurement as the cover; they have a side and foot closed with a row of braided loops in such a manner that a perfectly tight bag is formed which can be instantly spread out to air.

At the top each thickness is separate, so in our No. 1 bag the user can have one thickness over and eleven under him, two over and ten under, three over and nine under, four over and eight under, and so on according to his needs. At 20 degrees F. four thicknesses over the body and four or more under will keep a healthy person quite comfortable. The lining is fastened to the cover by a loop at side of cover passed over a patent button on the edge of lining, this keeps the lining from twisting and turning inside the cover.

For those who require much warmth we supply down quilts. These are made especially for us and the best down and covering used. We will add two thicknesses to any bag quoted for \$12 net. We also make up bags special sizes to fit blankets sent us and arrange the linings for \$6 to \$10.

We supply an imported camel's hair blanket for those who wish something extra fine, at an extra cost of \$20.00 for two thicknesses, added to any bag quoted.

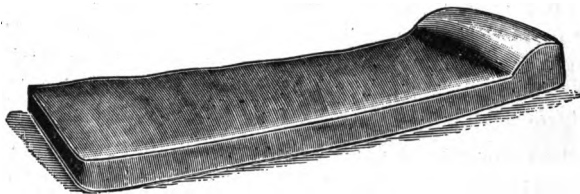
No. 0 bag, with lining of 16 thicknesses of blanket; weight, 26 lbs..	\$32.00
No. 1 bag, with lining of 12 thicknesses of blanket; weight, 20 lbs..	25.50
No. 2 bag, with lining of 10 thicknesses of blanket; weight, 17 lbs..	22.50
No. 3 bag, with lining of 8 thicknesses of blanket; weight, 14 lbs..	19.00
No. 4 bag, with lining of 6 thicknesses of blanket; weight, 12 lbs..	16.50
No. 5 bag, with lining of 4 thicknesses of blanket; weight, 9 lbs..	12.50
No. 6 bag, with lining of 2 thicknesses of blanket; weight, 7 lbs..	9.25
No. 7 bag, without lining (cover only); weight, 5 lbs.....	5.50
Bag fitted with lining furnished by purchaser.....from	\$6.00 to 10.00
Any bag quoted, fitted with down quilt; weight, 4 lbs.; extra....	12.00
Any bag quoted, fitted with camel's hair blanket; weight, 5 lbs.;	
extra	20.00
Best Goose Feather Pillow, 17x26, Khaki covered; weight, 2¾ lbs.	4.00
Air pillow, 11x16 in., weight, ¾ lbs.....	2.75
Air pillow, 16x21 in., weight, 1¼ lbs.....	3.50
Air pillow, 17x26 in., weight, 1¾ lbs.....	4.00

The No. 3 Sleeping Bag rolls into a package three feet long and nine inches in diameter. We make double sleeping bags (for two people). Prices upon application.

Blue Kersey Blankets, double.....	\$3.50
Army Blankets, single.....	5.00
Grey All-Wool Blankets, double, 72x84 ins.....	6.00



PNEUMATIC MATTRESS AIR BEDS



A pneumatic mattress is a necessity as well as being a most luxurious camp or yacht bed. When inflated the mattress is ideal for ease and comfort. After a long tramp, to lie down on air rests every bone and muscle. When deflated the mattress rolls up into a bundle no larger than a blanket, and weighs but 9 lbs. Many campers knowing nothing else claim they prefer fir boughs, but no camper having once taken a pneumatic bed into camp will ever go again without it.

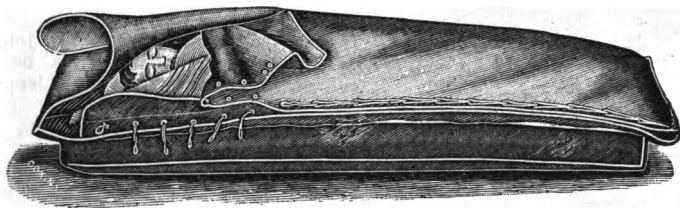
One of the chief advantages of the pneumatic mattress on board a yacht is the feeling of safety it gives. No matter what happens there is a life raft handy. It is so light and convenient that it may be taken on deck and used as a luxurious couch. The pneumatic bed is never musty nor damp, and, consequently, there are no foul smells. For yacht use we cover with ticking and furnish a life line around each. For camp use we cover with brown canvas. Pillows can be had either attached or separate from beds.

No. 1.	Size 6 ft. 3 in. by 2 ft. 1 in.	Weights 9 lbs.	Price, \$21.00 net.
No. 2.	Size 6 ft. 3 in. by 2 ft. 8 in.	Weights 10 lbs.	Price, 24.00 net.
No. 3.	Size 6 ft. 3 in. by 3 ft. 0 in.	Weights 11 lbs.	Price, 27.00 net.
Pump, Brass, automobile style, warranted.....			Price, 1.50 net.

Add \$3.00 to prices for attached pillow. See page 35 for prices on separate pillows. These sizes carried in stock, and special sizes are made to order.



COMBINATION SLEEPING BAG



This cut shows a sleeping bag described on page 34, to which is attached a sack containing an air bed, described on page 36. This combination has several distinct advantages, the sleeping bag and the bed are always together. There is no chance of the sleeping bag slipping off the mattress; it makes a single article to pack instead of two, and when rolled the sleeping bag forms a perfect protection to the air bed.

The weight of the combination is the weight of an air bed plus the weight of a sleeping bag, depending on the choice made.

We assure our patrons that no warmer, no more restful and no more convenient camping bed is made for its weight and bulk.

COMBINATION SLEEPING BAGS

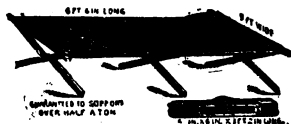
Sleeping bag	With No. 1 Mattress	With No. 2 Mattress	With No. 3 Mattress
No. 0.....	\$56.50	\$59.50	\$62.50
No. 1.....	50.00	53.00	56.00
No. 2.....	47.00	50.00	53.00
No. 3.....	43.50	46.50	49.50
No. 4.....	41.00	44.00	47.00
No. 5.....	37.00	40.00	43.00
No. 6.....	33.75	36.75	39.75
No. 7 (no lining)	30.00	33.00	36.00

Air pillows attached to beds, \$3.00 extra.

Eiderdown Quilts, \$12.00 extra.



FOLDING CAMP BEDS



This wide cot bed is a luxury and the strongest and best made. The frame is of rock elm and the joints of steel, covered with extra heavy canvas. Opened it is a full length, easy, elastic and comfortable bed, 6½ ft. long, 3 ft. wide and 1½ ft.

high, and can be folded in a few seconds to a compact package 6x6 in. by 3 ft. 2 in. long.

No. A, weight 20 lbs.....Price, \$4.50 net.

FOLDING CAMP BED



This bed is made after the manner of above. Strong and serviceable, but smaller and lighter. When open it is 6 ft. 2 in. long, 2 ft. 1 in. wide and 1 ft. high, and when closed, 4x5 ins. by 3 ft.

No. B weighs 16 lbs. Price \$2.50 net.

FOLDING CAMP BED

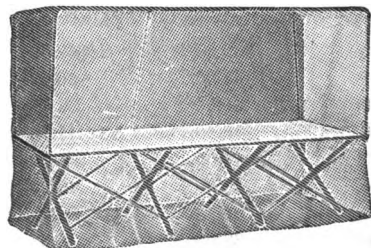


"The Handy" cot bed differs in construction from the above beds as cut will show. The frame is opened like a "lazy tongs" and the canvas top hooked on. When opened the

length is 6 ft. 4 in., the width is 2 ft. 6 in. and the height 1 ft. 8 in. Closed, 5x7x34 in.

No. C, weight 15 lbs.....Price, \$2.50 net.

MOSQUITO BARS



The cot-beds we carry can be fitted with a frame at head and foot to support a mosquito or insect shield or bar. When ordering be sure and specify the name and number of the bed, because the set of frames differ.

Frames for No. A weigh 3 lbs. Price, \$1.25.

Frames for No. B weigh 2¾ lbs. Price, \$1.00.

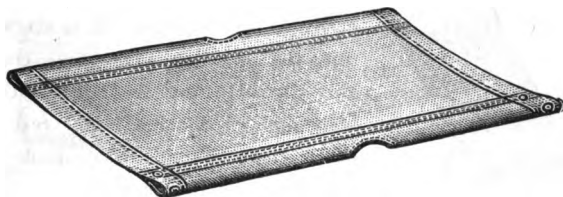
Frames for No. C weigh 2¼ lbs. Price, 75 cents.

Mosquito bars of cheese cloth for any of above..... Price, \$1.25

Mosquito bars of cheese cloth for any of above..... 3.50



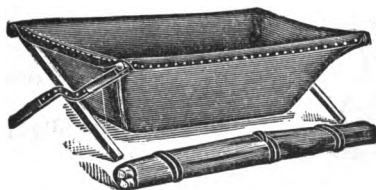
TRITON STRETCHER BEDS



This stretcher bed is made of a good quality tan dried canvas, 3 feet wide by 6 feet long. It can be erected in a few minutes by placing poles in the pockets on the sides and driving stakes into the ground at the corner and sides to rest the poles upon, and makes a fine bed.

Weight, 3 lbs.....Price, \$2.50 net.

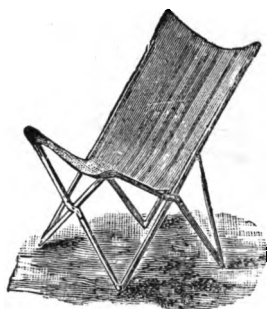
FOLDING BATH TUB



The above cut represents our full length folding bath tub complete and convenient. The frame is of hard wood rock elm, nicely finished, and so constructed as to stand firmly on the floor and is kept in the same position, no matter what weight the tub contains. The cover consists of very closely woven duck, coated. The tub is not suspended, but rests on the floor about one foot in width the entire length of the tub. The top is 5 feet long by 27 inches wide. The tub is 16 inches deep. When folded, the tub is 5 ft. long by 5 inches square, weighing 16 lbs.....Price, \$10.00 net.



FOLDING CAMP CHAIRS



No. 3

The chair may be folded and carried as easily as an umbrella. It is strong enough for the heaviest man, and comfortable for all, adjusting itself perfectly to the body and affording a better rest than any other chair made. Size, folded, 3 feet long by 3 inches square.

No. 3. Price, \$1.50 net.

Weights $4\frac{1}{2}$ pounds.

- g. 4. The same as No. 3, with extra high back, \$2.00 net.



No. 6

Folding Lawn Stool. This stool is similar to our Camp Stool with the addition of a comfortable back. It also folds into a small space and for numerous uses is unequalled.

Price, 75 cents net.

Weights $3\frac{1}{2}$ pounds.



No. 5

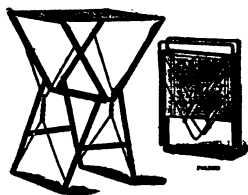
Folding Camp Stool. This is a strong, neat stool at a low price. It folds so compactly that a large number can be put in a small space, and it can be found useful on many occasions on this account and because of its small cost.

Price, 50 cents net.

Weights 3 pounds.



STEEL FOLDING CAMP STOOL



This stool is made of steel bands and wire with canvas seat. It is the strongest and most compact stool made. When open it stands 8x12x18 inches, and folded 8x11x1½ inches.

Weighs 2½ lbs.....Price, 75 cents net.

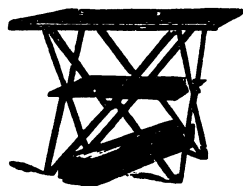


FOLDING ARM CHAIR

This folding arm chair is adapted for permanent camps and other places where an easy chair is wanted, and weight is not such a great consideration. Strong and substantial canvas seat and canvas back.

Weighs 14 lbsPrice \$2.50 net.

FOLDING CAMP TABLE



This table is made of oil finished hardwood, with top 2 feet 3 inches wide and 3 feet 2 inches long. Will comfortably seat four persons. In use it is very strong and rigid, and when folded packs so closely as to defy breakage.

Size, folded, 3 ft. 2 in. long by 5x7 in.

Weight, 16 pounds.

No. G. T., price without shelf, \$2.50 net.

No. G. T., price with shelf, \$3.00 net.

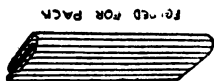
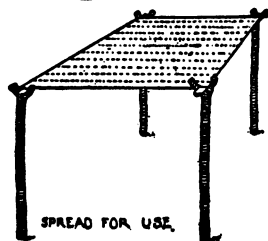


FOLDING CAMP TABLE

This is a table made somewhat differently than above, as cut shows. The top is made of seven layers of veneer, and will not split. When open the size is 39x26 in. top, and 28 in. high. Folded the size is 5x7x39 ins. Weighs 16 lbs. No. T. T., price without shelf....\$2.25 No. T. T., price with shelf..... 2.75



ROLLING TABLE TOP AND LEGS



This article is made of artificial leather, stiffened by ash or oak slats, slipped into pockets on the underneath side. The table can be set up by driving a stake into the ground at each corner, connected by cross pieces on which the top rests, or one can carry a set of folding legs like under the No. C. D. table. The top when open is 2x3 ft. and when folded is 2 ft. by 9x1 in. and only weighs 3 lbs.

No. R. T. Price of Top.....\$2.50

No. R. L. Price of Folding Legs. 1.50

FOLDING SHELVES

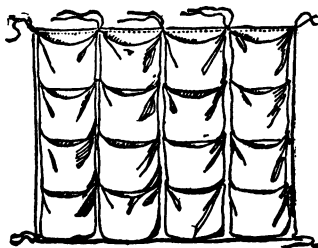
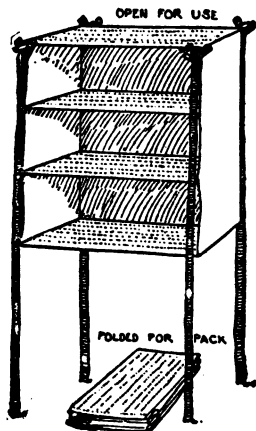
This article is made of strong dyed canvas, the shelves are stiffened by using oak or ash slats slipped into pockets on the underneath side. In use these shelves can be hung from the ridgepole of tent, from a tree or from poles set in the ground, one or two on each side as circumstances permit. To mention one use of these shelves: The food bags described on page 78 can be quickly put out on them and they will hold 100 pounds of food.

Size, open, 18x24x9 in.

Folded, 18x9x1 in.

Weight, 3 lbs.

Price, \$3.50 net.



WALL POCKET

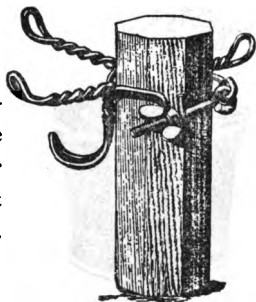
This article is made of strong dyed twill and is intended to solve the puzzle of where to put things in camp. It can be suspended from a pole resting in two crotched stakes, from the ridge pole of tent, or circumstances may suggest a better method.

Size, 30x36 in. Weight, 1½ lbs.

Price, \$2.50 net.

CLOTHES HANGERS

"Where can I hang my clothes?" is a question often heard in camp. This handy little contrivance will answer the question to your satisfaction. Can be clamped upon the upright tent poles or attached to the ridge pole. Weight, 5 ozs. Price, 35 cents net.



WATERPROOF FOLDING BUCKET



CANVAS BUCKET

Capacity, 3 gallons.
Diameter, 9 inches; height, 12 inches.
Made of brown waterproof duck.

Price, 85 cents net.

Weight, 8 oz.
Folds to $\frac{1}{2}$ -inch thickness.
No metal frame.

WATERPROOF FOLDING BASIN



Capacity, 1 gallon.
Diameter, 12 inches; height, 3 inches.
Made of brown waterproof duck
Price, 85 cents net.

Weight, 7 oz.
No metal frame.

These buckets and basins are made of our brown waterproof duck. The edges are strongly bound with linen braid and have a wire rim. The bucket has a strong rope handle. Each folds to less than half an inch in thickness.

AUTOMOBILE BUCKET

A bucket from which water can be poured without spilling; such is the need of an automobilist. Made of brown waterproof duck. For canoeists we leave off the spout.

Weight without spout, 10 oz., \$1.00 net.

Weight with spout, 12 oz., \$1.50 net.





DUPLEX FOLDABLES



OPEN.

These buckets and tubs are strong, portable, watertight and perfectly rigid.

They are made on a metal frame, consisting of top ring, bottom ring and side supports; all spring steel, rust proof. They are of brown waterproof duck with pantasote bottom. The buckets have bail and the tubs side handles. They can be easily and compactly folded.



FOLDED.

Capacity 10 qts., diameter 12 in., height 9½ in., weight 1½ lbs.....Price, \$1.50

Capacity 12 qts., diameter 12 in., height 9½ in., weight 2 lbs.....Price, \$1.75



OPEN.

FOOT AND BATH TUBS

Diameter 16 in., depth 9½ ins., weight 3 lbsPrice, \$2.50

Diameter 18 ins., depth 9½ ins., weight 3½ lbsPrice, \$3.50

Diameter 22 ins., depth 9½ ins., weight 3¾ lbsPrice, \$4.25

Diameter 25 ins., depth 9½ ins., weight 4¾ lbsPrice, \$5.00

Oval, 24x14 ins., depth 9½ ins., weight 4 lbsPrice, \$4.50

Oval, 28x16 ins., depth 9½ ins., weight 4½ lbsPrice, \$6.00



FOLDED.

U. S. A. SEWING KIT

We put up in a small roll the same kit used by the soldiers in our Army. Pair of scissors, safety pins, pins, needles, thread, wax, buttons, etc. This roll weighs 4 ounces. Price 75 cents net.

REPAIR KIT

We put up in a little bag two spools of assorted brass wire, a ball of twine, a box of assorted nails and tacks, an oil stone, a file, a piece of emery cloth, a pair of pincers, a tool haft with awls, a stick of cement, a vial of gun grease and some cleaning cloth. This will weigh about 2 pounds. Price, \$2.00 net.

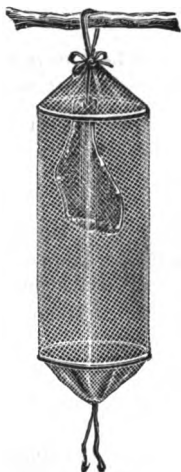
REFRIGERATOR BASKET



This refrigerator basket is a strong, light weight, good-looking rattan basket. Between the rattan body of the basket and the inside metal lining, there is a layer of asbetos and a layer of felt. In one end of the basket there is a small compartment for holding the ice, which is easily removed, so that the little refrigerator may be kept clean. The lids and bottom are treated in the same way and a strip of heavy felt is piped all around the edge of the lids so that when they are

closed down and the straps fastened across the basket is practically air tight. The top and bottom is of wood, the lids are highly polished with oil, and the bottom is given a thick coat of the best paint to make it more durable and proof against dampness. The handles are made of the toughest wood obtainable and are securely riveted to the sides so that they may be trusted with all the weight you can get into the basket. Nothing has been overlooked to make it the most serviceable, the most convenient, and the most durable basket ever offered to the public.

No. 0	13 in. long, 9 in. wide, 7 in. deep.....	Price, \$3.00
No. 1	18 in. long, 10 in. wide, 8 in. deep.....	Price, 3.50
No. 2	20 in. long, 13 in. wide, 10 in. deep.....	Price, 4.00



COLLAPSIBLE MEAT SAFE

Flies, the pest of the camp and the despair of the cook, can be kept away from meat, fish and provisions by the use of this safe. Suspended in the tent, or from the limb of a tree, it affords perfect protection and yet leaves everything free to the air. Made of extra strong English bobbinet, which stands repeated washings. Size, 36 inches long, 18 inches diameter. Weight, 8 ozs.

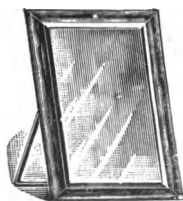
Price, \$2.00 net.

TUBULAR MATCH BOX



We have devised a receptacle for carrying the stock of matches in

camp. It is made of two brass telescopic cylinders, which, when placed one over the other, measure 10 inches long and $1\frac{1}{2}$ inches in diameter, and holds 500 ordinary wooden matches. It is absolutely waterproof and as good a means of carrying matches as we have seen. Weight, $\frac{1}{2}$ lb. Price, 75 cents net.



LOOKING GLASSES

A well made, serviceable little glass. Size, 5x7 ins. Weight, 13 oz. Price, \$1.00 net.

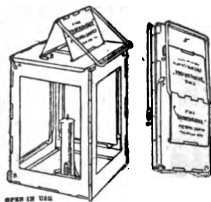


ROPE

We carry in stock the finest and best manila rope made, and guarantee that none better can be had. As the market price varies so frequently we cannot give net prices in a catalogue, but can be relied upon to give the best price possible. We make a specialty of ropes for our particular uses.



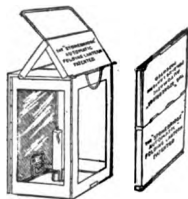
FOLDING LANTERNS



In this lantern we have combined the three essentials of a perfect light for campers and others living out of doors—simplicity, lightness and compactness. When closed the lantern is 6 inches by 4 inches by $\frac{1}{2}$ inch thick. It can be opened in a few seconds by a simple operation. When open the size is 6 inches by 4 inches by 4 inches.

Made in aluminum three sides of clear mica, weighs $4\frac{1}{2}$ ozs. Price, \$1.75 net.

AUTOMATIC FOLDING LANTERN



This lantern is an improvement on the folding lantern described in that it opens and closes automatically. There are no separate parts to handle or to get misplaced, the opening operation consists in sliding the handle from the end and the lantern opens ready for insertion of the candle.

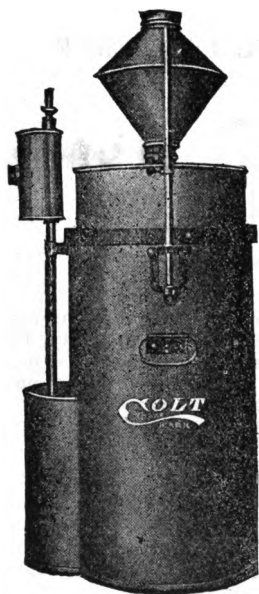
Aluminum, weighs	7	ounces.....	Price, \$2.00
Brass,	" 17 $\frac{1}{2}$	"	" 2.00
Nickel,	" 18	"	" 2.50
Tin,	" 14 $\frac{1}{2}$	"	" 1.50

Leather carrying case holding one lantern and one candle for either of the above, weight 2 oz. Price, 75 cents net.

CANDLES

Specially made hydraulic pressed odorless candles that do not drip or smell. Do not soften in hot weather. Weigh 1 pound to the dozen.

Price, 35 cents net, per dozen.



No. 5 and No. 8
GENERATOR

ACETYLENE CAMP LIGHTING OUTFIT



REGULAR
CAMP GENERATOR

Sometimes we want in camp only the light of the camp fire, sometimes we light a candle in its lantern, thankful for such a clean, steady and convenient light in place of kerosene, which must always be troublesome to handle though its worth in some cases is unquestioned. But where a bright, pleasant light is desired, a single light that shall be equal in power to several of any other kind, something rivaling the comfort to which we are accustomed, yet quite consistent with camping, this light can be furnished by our acetylene outfit.

With this little machine, a pound and a half of calcium carbide and a few quarts of water, you can instantly generate sufficient gas to give a bright light lasting fifteen hours without recharging. After this machine is set up the gas is ready for use at any moment.

The outfit consists of generator, tent pole fixture, extra burner tip, tube of white lead, filling funnel, plyers and six feet of tubing. Capacity is one to four lights. This comes packed in a strong wooden box 10x10x17 inches.

For use in connection with the acetylene lighting apparatus, we supply a cooking and heating stove that will add greatly to the comfort of camp life.

Price of Regular Camp Generator and apparatus complete (15 burner hours); weight, 18 lbs.....	\$15.00
Extra rubber tubing, per foot.....	.10
Carbide, special for this generator, 10-lb. cans, per can.....	.75
Table lamp	1.25
No. 5. Large Generator, capacity 1 to 10 lights (50 burner hours)	24.00
No. 8. Larger Generator, capacity 1 to 16 lights (80 burner hours)	36.00
1-burner stove, \$3.00; 2-burner stove, \$6.00; 3-burner stove, \$9.00.	



HAND LAMPS



**HANDY ELECTRIC
POCKET LAMP**

3½x2½x1.....7 ounces, 85c.
Extra batteries.....20c. each.



**COMBINATION
LANTERN**

Burns kerosene, lard oil or candles.
Weight, 1¼ lbs....Price, 60c. net.

Electric Bull's Eye Lamp (very powerful)Price, \$2.50 net.
Extra BatteriesPrice, .20 net.



COOKING OUTFITS

Our cooking outfit is the result of much painstaking thought and experiment. We have been through all phases of the big iron pot and skillet, heavy enough to form a load in themselves, the fry pan, with long, aggressive handle so inconvenient to pack, soldered vessels coming to pieces over the fire and other kitchen utensils quite impracticable out of their natural place. We felt that the cooking and eating part of an outfit must be made more condensed, more comprehensive, less heavy and more durable.

We worked with tin, but pure tin is too soft, too heavy, too expensive, and easily burns out; tinned iron or steel plates made into pots, seamed and soldered, invariably leak; the tin melts off the surface and the pots soon rust out; food cooked in these pots tastes of the iron and one rarely uses such a tin outfit more than one trip, so worn out does it become. We do, however, make a tin outfit, each piece tinned and retinned and stamped out of a single piece of steel, so that there are no seams to leak. This makes a very good outfit for a cheap one. The patterns are good, somewhat after those of our aluminum sets, and they are convenient for packing.

Pure aluminum had its trial, but that is too soft, however by adding a very small portion of some harder metal an alloy (95 per cent. pure) is reached which possesses all the essentials for a cooking outfit, whether for house or camp use; great lightness, great strength and a fine appearance. It is easily cleaned and so durable we have known sets in use during twenty trips, and they are still in good order and ready to stand as many more. This alloy stands a great heat without injury.

Now a camper may carry with him, if he will, pots, fry pans, bread pans, plates, forks, spoons, knives and so ingeniously contrived that all nest into the largest pot, and when packed into their cylindrical fiber case there is still room for canvas buckets, canvas wash basin, cooking spoon, fork and knife, dish mop, cake turner, asbestos pot holders, dish cloths, pepper grinder, salt and spice shakers. This case is intended to stand rough handling and can be checked as baggage. Though the pieces rest snugly together they are not so close that an accident could lock them together.

In place of the old Dutch oven he may take an aluminum baker capable of doing excellent work, baking bread or roasting meat and only one-twelfth the weight.

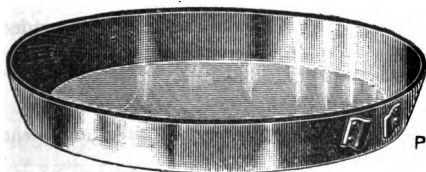
We have sent these outfits to all climates and have received the most hearty indorsement of their merit.



ALUMINUM COOKING OUTFIT



This set is made from a special hard alloy of aluminum, which has been obtained after long and expensive experiment. It retains all the essential properties of the pure metal, to which are added greater hard-



FRY PAN



PAT'D JUNE 9, 1903.

ness and stiffness, making it much more durable. It has a tensile strength nearly equal to steel, and will not rust or corrode.

No article is less than eighteen gauge in thickness, while those pieces receiving the hardest usage are heavier. The entire set is



PLATE

highly polished, and there are no seams, joints or solder to leak or give trouble, every article being made from one piece of metal. It is the very best that is produced, and should not be judged by the soft, thin gauge, poorly finished cooking utensils on the market. We have not sacrificed durability for weight. Our set is made to stand hard usage, such as it would receive in camp and in transportation. That it is all we claim for it has been proved by many years of actual use, and we

have no hesitancy in saying that it will give more than triple the service of any other outfit made. All of the pieces of each outfit nest nicely in the largest cooking pot. The pots have covers and bail handles. The fry pan has a detachable handle, which can be removed or put on instantly. The method of attaching makes it firm and secure. It is in one piece, so there is no danger of losing parts. We have patented this invention, which is without doubt the best thing of its kind in use, and is an essential part of a perfect nested cooking outfit. If a longer handle is needed a stick can be inserted in the ferrule end.



COOKING POT

The coffee pot has bail handle, hinged lid, folding handles at back, a well protrud-

ing lip, which is an integral part, and is provided with strainer. The cups have handles open at the bottom so that they nest closely.

The bowls have no handles.

The plates are flat, with sloping sides and bead edge.



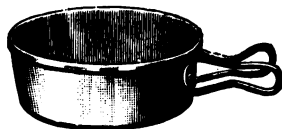
COFFEE POT

The pans are made with and without handles. In the three smaller sizes, suitable for cooking and serving food, handles are a necessity. In the two larger sizes, suitable for mixing bread, washing dishes, etc., handles are not needed.

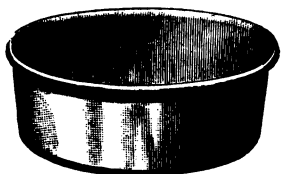
We show on page 54 the size, capacity, weight and price of each article.

The complete sets as shown on pages 54 and 55 may be added to or diminished by any of these articles, and the prices will be changed in accordance.

A No. 6 outfit nests as follows: The six cups are nested in the six bowls, placed in the large coffee pot. This goes into the B pot, which fits into the C pot, this into the D pot, and going into the E pot. The covers B, C and D are placed on their respective pots. The six plates nested are put on D cover, the fry pans go on this, then the knives, forks, tea-spoons, dessert spoons and the fry pan handles, then E cover. This set is placed in canvas case and strapped.



PAN WITH HANDLE



BREAD PAN

If desired a small coffee pot may be added to either the No. 6 or No. 8 outfit without increasing its size and only increasing its weight nine ounces, for the cups and bowls can be nested in the small coffee pot and that in the larger one.

In the No. 2, No. 3, and No. 4 outfit if a larger coffee pot is desired it can be substituted in place of the A pot, for these are struck on the same die. It will be seen by observing the sizes of the pots on page 54 that outfits may be made up in various ways. The pans are made in sizes to nest between pots. No 1 pan nests between the large coffee pot (or A pot) and B pot; No. 2 between B and C pots; No. 3 between C and D pots; No. 4 between D and E pots, and No. 5 fits on the outside of E pot.

A most complete outfit is made up as follows: Four cooking pots of the sizes B, C, D, and E; one large coffee pot; one small coffee pot; six (more or less) of each, cups, bowls, plates, knives, forks, dessert spoons and teaspoons; two large fry pans; one small fry pan; one of each size of pans, Nos. 1, 2, 3, 4, 5; two cooking spoons; one cooking fork; one cooking knife; one cake turner; one dish mop; six dish towels; two asbestos pot holders; one pepper grinder; two canvas water buckets. This whole outfit conveniently nests and is carried in a cylindrical fiber case twelve inches in diameter and fourteen inches high, which can be strapped and locked and is all ready to be checked.



CUP



BOWL

This really complete outfit of cooking, serving and eating utensils is the most satisfactory equipment of which we know; the packer will appreciate the lightness of the load, the cook will appreciate the articles provided for his use and their wise selection, and the camper will not find lacking any necessity for the table.

Weight, 25½ lbs. Price, \$45.00 net.



ALUMINUM COOKING OUTFITS

ARTICLE	SIZE OVER ALL	CAPACITY	WEIGHT	PRICE NET
Coffee Pot, large.....	7 1/4 x 6 3/4 in.	7 pints	17 ounces	\$2.75 each
" " small.....	6 x 6 "	4 "	9 "	2.50 "
Frying Pan and Handle.....	10 1/2 in. diam.	.....	16 "	2.00 "
" " " ".....	9 "	.....	13 "	1.75 "
Soup Bowls.....	4 1/2 x 3 in.	1 pint	2 "	.30 "
Cups.....	4 x 2 1/4 "	3/4 pint	1 1/2 "	.30 "
Plates.....	9 x 3 3/4 "	.....	4 "	.40 "
A. Cooking Pot and Cover...	7 1/4 x 6 3/4 "	7 pints	15 "	1.75 "
B. " " " ".....	8 1/4 x 7 3/8 "	10 "	17 "	2.00 "
C. " " " ".....	9 1/4 x 7 3/8 "	13 "	20 "	2.50 "
D. " " " ".....	10 1/4 x 8 3/8 "	19 "	26 "	3.25 "
E. " " " ".....	11 1/4 x 11 1/8 "	33 "	36 "	4.00 "
No. 1 Pan, with Handles....	7 x 2 1/2 "	2 1/2 "	5 "	1.40 "
No. 2 " " " ".....	8 x 2 3/4 "	4 "	6 1/2 "	1.50 "
No. 3 " " " ".....	9 x 3 "	7 "	9 "	1.60 "
No. 4 Pan, without Handles	10 x 3 1/2 "	9 "	12 "	1.25 "
No. 5 " " " ".....	11 x 4 "	12 "	16 "	1.50 "
Cooking Spoon.....	11 in. long	.....	2 "	.40 "
" Fork.....	13 " "	.....	4 1/2 "	.30 "
" Knife.....	13 " "	.....	4 1/2 "	.55 "
Cake Turner.....	13 " "	.....	2 1/2 "	.10 "
Dish Mop.....	10 " "	.....	2 1/2 "	.10 "
Dish Towels.....	16 x 24 in.	.....	.....	.15 "
Asbestos Pot Holders.....	5 x 5 x 1/4 in.	.....	2 ounces	.15 "
Pepper Grinders.....	2 x 3 1/2 in.	2 ounces	4 1/2 "	1.00 "
Knives for Sets.....	8 1/2 in. long	.....	16 "	4.00 doz.
Forks for Sets.....	7 " "	.....	6 "	2.00 "
Dessert Spoons.....	7 " "	.....	8 "	1.75 "
Tea Spoons.....	6 " "	.....	4 "	1.00 "
Bags to hold Sets.....	.....	.....	8 "	.75 each
Cylindrical Fibre Case to hold Sets.....	12 x 14 in.	.....	4 pounds	4.00 "

COMPLETE ALUMINUM SETS

No. 2. FOR TWO PERSONS.

- | | |
|-----------------------|---------------|
| 1 Cooking Pot, No. A. | 2 Cups. |
| 1 Cooking Pot, No. B. | 2 Soup Bowls. |
| 1 Coffee Pot, small. | 2 Knives. |
| 1 Frying Pan, 9 inch. | 2 Forks. |
| 2 Plates. | 2 Teaspoons. |

2 Dessert Spoons.

Weight, 5 lbs. Size outside, 9 in. diam., 8 in. high.

Net price, \$11.50, including Canvas Bag.



COMPLETE ALUMINUM SETS

No. 3. FOR THREE PERSONS.

- | | |
|-----------------------|---------------|
| 1 Cooking Pot, No. A. | 3 Cups. |
| 1 Cooking Pot, No. B. | 3 Soup Bowls. |
| 1 Coffee Pot, small. | 3 Knives. |
| 1 Frying Pan, 9 inch. | 3 Forks. |
| 3 Plates. | 3 Teaspoons. |

3 Dessert Spoons.

Weight, $5\frac{1}{2}$ lbs. Size outside, 9 in. diam., 8 in. high.

Net price, \$13.25, including Canvas Bag.

No. 4. FOR FOUR PERSONS.

- | | |
|-------------------------------------|-------------------|
| 1 Cooking Pot, No. A. | 4 Cups. |
| 1 Cooking Pot, No. B. | 4 Soup Bowls. |
| 1 Cooking Pot, No. C. | 4 Knives. |
| 1 Coffee Pot, small. | 4 Forks. |
| 1 Frying Pan, 9 inch. | 4 Teaspoons. |
| 1 Frying Pan, $10\frac{1}{2}$ inch. | 4 Dessert Spoons. |
| 4 Plates. | |

Weight, $8\frac{1}{4}$ lbs. Size outside, $10\frac{1}{2}$ in. diam., $8\frac{1}{2}$ in. high.

Net price, \$18.75, including Canvas Bag.

No. 6. FOR SIX PERSONS.

- | | |
|--------------------------------------|-------------------|
| 1 Cooking Pot, No. B. | 6 Plates. |
| 1 Cooking Pot, No. C. | 6 Cups. |
| 1 Cooking Pot, No. D. | 6 Soup Bowls. |
| 1 Cooking Pot, No. E. | 6 Knives. |
| 1 Coffee Pot, large. | 6 Forks. |
| 2 Frying Pans, $10\frac{1}{2}$ inch. | 6 Teaspoons. |
| | 6 Dessert Spoons. |

Weight, $13\frac{1}{2}$ lbs. Size outside, $11\frac{1}{2}$ in. diam., 12 in. high.

Net price, \$29.25, including Canvas Bag.

No. 8. FOR EIGHT PERSONS.

- | | |
|--------------------------------------|-------------------|
| 1 Cooking Pot, No. B. | 8 Plates. |
| 1 Cooking Pot, No. C. | 8 Cups. |
| 1 Cooking Pot, No. D. | 8 Soup Bowls. |
| 1 Cooking Pot, No. E. | 8 Knives. |
| 1 Coffee Pot, large. | 8 Forks. |
| 2 Frying Pans, $10\frac{1}{2}$ inch. | 8 Teaspoons. |
| | 8 Dessert Spoons. |

Weight, 15 lbs. Size outside, $11\frac{1}{2}$ in. diam., 12 in. high.

Net price, \$32.75, including Canvas Bag.



WHITE ENAMELED WARE

We have added to our list of cooking utensils, plates, cups, bowls and hot-water plates, made of white enamelled ware of the very highest grade. This ware is pure white, both inside and outside, with a narrow blue border. The enamel is carefully baked on over stamped steel, and will not crack or check, except it receives a hard blow. The grade we carry is all firsts, and the best ware of its kind yet produced. The weight is heavier than the tin or aluminum. When weight is not considered in making up an outfit, we recommend the use of these cups, bowls, plates and hot-water plates. The cups, bowls and plates nest with our aluminum ware, all being the same dimensions excepting the cups, which are larger. The handles of the cups are open at the bottom, allowing the cups to nest closely.

Plates, $9\frac{1}{8}$ inches diameter, at top, 1 inch deep, weigh 9 ounces,

Price, \$0.40 ea. net.

Cups, 4 inches diameter, $2\frac{3}{4}$ inches deep, weigh 4 ounces, capacity, $\frac{7}{8}$ pints Price, \$0.30 ea. net.

Bowls, $4\frac{1}{2}$ inches diameter at top, $2\frac{5}{8}$ inches deep, weigh $4\frac{1}{2}$ ounces, capacity, 1 pint Price, \$0.30 ea. net.

The above wares will be on sale June 15, 1907.

In ordering an aluminum outfit, we will substitute any of the above goods for the aluminum goods at the same prices.

HOT WATER PLATE



The enameled hot water plate, which we here catalogue is the best means of keeping food warm in the open. If you wish to be sure of a warm meal when out of doors, see that your party

and yourself have hot water plates. They are made with a double bottom and can readily be filled with hot water by unscrewing the cap at the top of the plate, and the water will stay warm for a considerable time. The capacity of the receptacle for hot water is 2 pints. These plates can also be used as a hot water bottle in case of an emergency.

Diameter $10\frac{1}{4}$ ins., depth $1\frac{1}{4}$ ins., weight 18 ozs. Price, \$2.00 net.



RETINNED STEEL COOKING OUTFIT



This set is made of steel pressed into the proper form out of one sheet without joint seam or solder to leak or give trouble, then tinned and retinned. While we cannot make the claim, "the best possible to make," as we do on our aluminum outfit, it is the very best obtainable at anywhere near the price. Where weight is not of so great importance this tinned outfit will be sure to please the user.

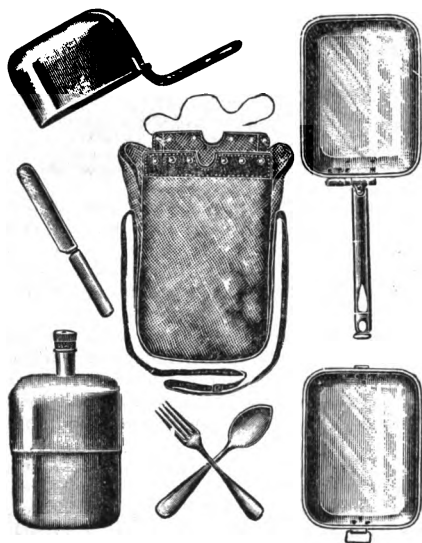
The pieces nest after the manner of our aluminum set, each pot has cover and bail handle; the coffee pot has cover, bail handle and folding side handles; cups have handles; the frying pans, not tinned, have our detachable handle made of iron—a most perfect device and the best yet invented. The number of pieces are identical with the aluminum sets on pages 54-55.

No. 2 outfit, weight, 7 lbs. Price with bag..... \$3.25 net.
 No. 4 outfit, weight, 13 lbs. Price with bag..... 5.00 net.
 No. 6 outfit, weight, 19 lbs. Price with bag..... 7.00 net.
 No. 8 outfit, weight, 22 lbs. Price with bag..... 8.25 net.

Article	Size	Capacity	Weight	Price Net
Cook'g Pot, No. 1, Ts	7 1/2 x 5 1/8	4 Quarts	1 1/4 Pounds	\$.60 each
" " 2, "	8 1/2 x 6	6 "	1 1/2 "	.70 "
" " 3, "	9 1/4 x 6 3/4	8 "	2 "	.80 "
" " 4, "	10 1/4 x 7 1/2	10 "	2 1/2 "	1.00 "
Coffee Pot, Ts.....	5 1/4 x 6 1/4	2 "	3/4 "	.75 "
Frying Pan, S.....	9 in. diam.	.....	1 1/4 "	.60 "
" " ".....	12 " "	.....	2 1/4 "	.75 "
Soup Bowls, Ts.....	4 1/2 x 2	1 Pint	1 1/2 "	.75 dozen
Cups, Ts.....	4 x 1 3/4	1/2 "	1 1/2 "	.80 "
Plates, Ts.....	9 x 3 1/4	.....	2 1/2 "	.60 "
Forks, S.....	7 1/2 in. long.	.....	2 "	.80 "
Knives, S.....	9 " "	.....	2 1/4 "	1.00 "
Tea Spoons, Ts.....	5 " "	.....	1 1/2 "	.20 "
Dessert Spoons, Ts...	6 " "	.....	2 "	.30 "
Cooking ".....	14 " "	.....	7 Ounces	.10 each
" Knife, S.....	11 " "	.....	3 "	.15 "
" Fork, ".....	15 " "	.....	3 "	.18 "
Mixing Pan, Ts.....	11 x 3 1/2	.....	12 "	.16 "
" " ".....	10 3/4 x 3 1/4	.....	8 "	.14 "



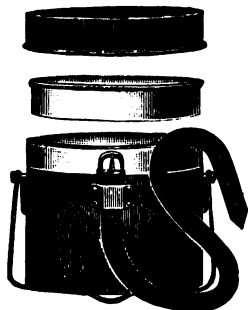
PRESTON MESS KIT



This illustrates the Preston Mess Kit intended for individual use. It is made of aluminum, except canteen, knife, fork and spoon, which are made of steel and plated. The canteen has a capacity of over 3 pints, with stopper attached by chain; a fry pan 1 in. in depth, has a handle, and there is a counter part which can be used as cover for fry pan or plate or serving-dish, and when used as cover to fry pan, the two make a good bake pan. When packed, these two pieces fit over sides of canteen. A saucepan, with steel handle, fits over bottom of canteen. The canvas cover is felt-lined, to keep water cool, and this lining makes pockets to hold knife, fork and spoon

on the sides. A shoulder strap is attached. This is the best individual outfit we have seen. It is patented by Lieut. Guy H. Preston, U. S. A. Weight, $2\frac{1}{4}$ pounds. Price, \$6.00 net.

We make this outfit with $\frac{1}{2}$ -size canteens, giving space for carrying a small amount of food. Price, \$6.50 net.

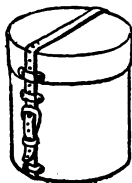


SPECIAL KIT

A light, small, serviceable and durable individual kit, has long been desired and we think we have found the right article in the kit used by the Japanese in their late war. It consists of an outside kidney-shaped oval pot, $3\frac{3}{4} \times 6\frac{1}{2} \times 5\frac{1}{2}$ inches, with bail handle and deep cover with an inside tray $1\frac{3}{8}$ inches deep. Fastened with strap. Each piece made entirely of one piece of aluminum with no seams to leak or give trouble. Weight, 1 lb. Price, \$2.00 net.



COOKING OUTFIT CASE



This cylindrical case is made to hold one of our regular cooking outfits with a No. 6 pan, described on pages 50-54. They are also intended to hold one of our pot stoves, and inside that, a cooking outfit made up of A, B, C and D pots, page 52, and other utensils sufficient for ten persons (and less number, of course). Made of fiber as described above. Closed with strong strap and fastened with brass lock buckle.

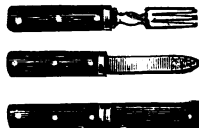
Size, $12\frac{3}{4}$ inches diameter, $15\frac{1}{2}$ inches high.

Weight, 4 lbs.

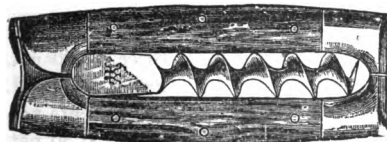
Price, \$4.00 net.

COMBINATION KNIFE AND FORK

Useful and convenient. Held point to point and then pressed together, the blade of the knife and the tines of the fork each slide into the handle of the other, forming one compact piece $7\frac{3}{4}$ ins. long, $\frac{3}{4}$ of an inch wide, and weighing 2 ozs. Price, 50c.

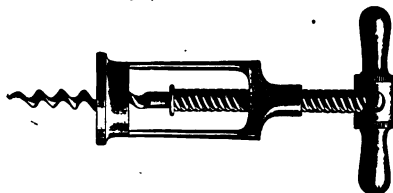


CORKSCREW



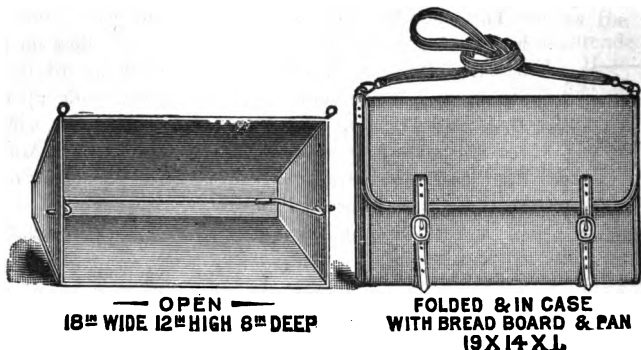
This cut shows the best pocket corkscrew; folded $2\frac{1}{2}$ in. x 1 in. x $\frac{1}{4}$ in. The handle is in two sections which open outward from the screw. The screw is either twisted wire or cut screw; weighs 1 ounce. Price, \$1.00 net.

This cut shows a self-pulling cork screw, the cork being withdrawn as the handle is turned; $5\frac{1}{2}$ in. long; weighs 1 oz. Price, \$1.00 net.





ALUMINUM FOLDING BAKER



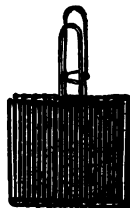
This baker is the best known device for baking and roasting in the woods; far superior to a stove. The pan containing the bread or meat is placed on the wire shelf and the open side of the baker put to the fire. The heat rays are reflected to both bottom and top of the pan and the cooking is done evenly and quickly in any kind of weather. The baker can also be placed against the side of a camp stove and bakes or roasts perfectly. When open for use the baker is rigid, but can be folded flat for packing by withdrawing a pin from the side hinge. The baker has strong legs to keep it upright and a handle for moving it about. The hinges are close and tight. Bake pan is furnished with each baker.

Size open, 16x18x10 in., weighs with Bake Pan, $4\frac{1}{4}$ lbs. Price, \$5.00 net.
 Size open, 12x18x8 in., weighs with Bake Pan, $2\frac{1}{2}$ lbs. Price, 3.50 net.
 Bread Board, made of pine, weighs $1\frac{3}{4}$ lbs. Price, 50 cents net.
 Waterproof Canvas Case and Strap, weighs 1 lb. Price, \$1.50 net.

WIRE BROILER

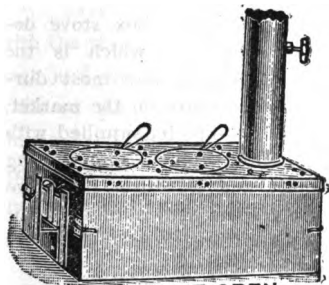
This is the usual old-fashioned Wire Meat Broiler, but made such a size it packs flat into the carrying case of the aluminum baker shown above.

Weight, $\frac{3}{4}$ pounds. Price, 25 cents net.





FOLDING CAMP STOVES



STOVE OPEN

10 in. x 12 in. x 26 in.



STOVE FOLDED IN CASE

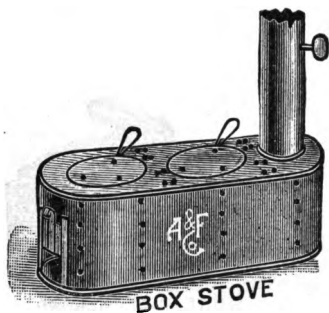
27 in. x 12 in. x 1 in.

This stove is a very useful and convenient one where space has to be considered in packing. It is made of 24-gauge sheet steel, all edges well wired and top thoroughly braced between holes. The lids are also made of sheet steel with the rim wired so that a permanent handle is formed, which is part of the lid. This makes the stove lighter than with cast iron lids and top and at the same time just as durable. Experience has shown the sides at the bottom are the parts that first burn out. Each stove is supplied with five lengths of two feet each of telescopic pipe, occupying the room of one only, together with an adjustable spring damper. For ovens we supply aluminum bakers (see page 60) which bake and roast perfectly when placed against the side of stove and box ovens described on page 63. We also make a rigid box stove same sizes as the folding. They have the sides and ends made double of two thicknesses of sheet steel separated by washers and riveted to make an air space. This device saves burning out and consequently the stove lasts for several seasons' use and longer than the folding stoves. We can, however, make the folding stoves with double ends and sides for \$2.00 extra, but this increases the weight, and instead we recommend the box stove, for it can be used as a packing case and thus not take up useful space.

These stoves are regularly made without a bottom, but we furnish a steel bottom with legs if desired at an extra cost of \$3.50 net.



BOX CAMP STOVES

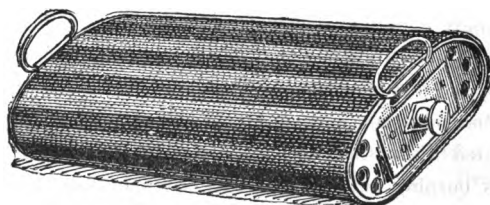


This cut shows the box stove described on page 61, which is the strongest, best made and most durable sheet metal stove on the market. Each stove is complete, supplied with lids, telescopic pipe and spring damper. A and B Stoves have two cooking holes, as shown in cut; the C stoves have three holes. The AA has but one cooking hole.

No.	Dimensions	Price Folding Stove Complete	Weight Complete	Price Box Stove Complete	Weight Complete
AA	10x12x18 in.	\$5.75 net	13½ lbs.	\$4.75 net	14 lbs.
A	10x12x26 in.	6.00 "	19 "	5.00 "	18 "
B	10x12x31 in.	6.75 "	21½ "	5.75 "	20½ "
C	10x12x36 in.	7.50 "	23 "	6.50 "	22½ "
Canvas	Case or Bag	1.00 "	1 "	1.00 "	1½ "

Bottom and legs made for any of the above stoves will cost \$2.50 and increase the weight 7 to 12 pounds, according to size.

DUCKBLIND HEATER



Every hunter knows the value of a heater in a duck blind, on a stand, calling moose and various other places where an ordinary fire giving off smoke is out of the question. This heater gives a continuous heat for 15 hours from one whole brick of Lehman coal, chemically prepared and without flame, smoke, odor or gas, a steady glow of red heat. The coal brick is ignited and placed in the draw of heater and the heater is carried where heat is wanted. Weighs 6 lbs., price, \$2.50 net.

Lehman coal (whole bricks); 1 doz. weighs 7½ lbs. Price, 75c. net.



OVEN FOR STOVE

We have devised a greatly improved oven for use with the stoves described on the preceding pages. The heat and smoke pass between the inner and outer walls of the oven on all sides, giving an even and steady heat. Baking and roasting can be done perfectly. The size of the oven inside is 8x8x12 inches, and has one shelf. When not in use the oven can be packed inside a box stove. Size outside is 10x10x14.

Weight, 9 lbs. Price, \$5.00 net.

The cut shows the oven in use on a box stove with bottom and legs, and also at the top of the pipe a most ingenious spark arrester.

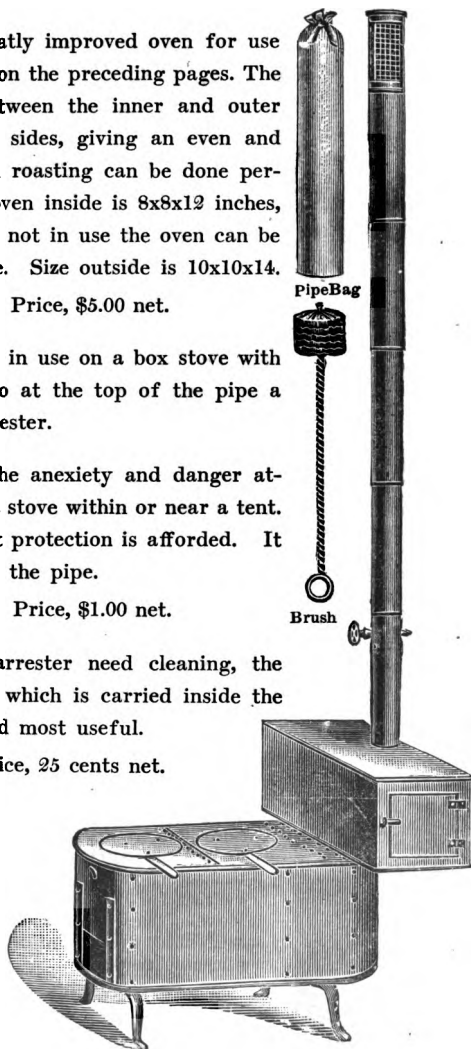
Every camper knows the anxiety and danger attendant upon the use of a stove within or near a tent. With this arrester perfect protection is afforded. It is made to telescope with the pipe.

Weight, 12 oz. Price, \$1.00 net.

When stovepipe and arrester need cleaning, the brush shown in cut, and which is carried inside the nested pipe, will be found most useful.

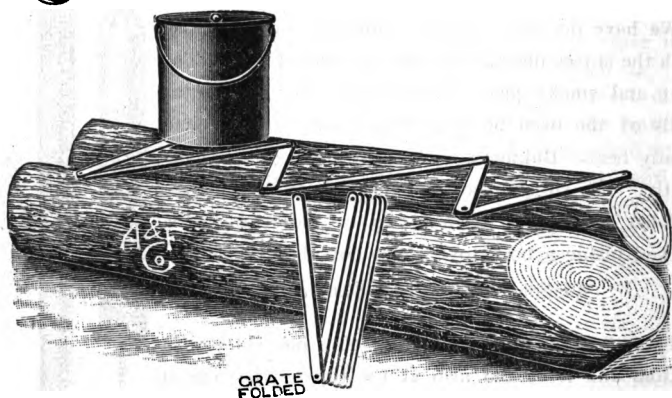
Weight, 3 oz. Price, 25 cents net.

The cut also shows a telescoped pipe, damper and brush packed in a bag 24 inches long and 4 inches in diameter.





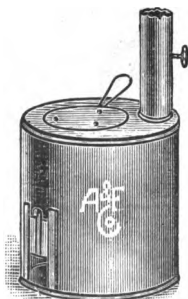
GRATE FOR CAMP FIRE



The above cut shows a most excellent method for cooking over a camp fire. The grate can rest upon two green logs, as shown in the cut, on two rows of stones or over a ditch cut in the ground. The grates are made in three sizes, four, six or eight arms. These arms are made of steel, 5-16 inch thick, 1 inch wide and 18 inches long. They are properly riveted together at the end so that when not in use they make a package 18 inches long and $1\frac{1}{2}$, $2\frac{1}{4}$ and 3 inches respectively, by 1 inch wide. When in use it affords a secure resting place for pots and fry pans. This grate economizes fuel in the camp fire.

Four-armed grate; weight, $5\frac{1}{4}$ lbs.....	\$1.00 net.
Six-armed grate; weight, 8 lbs.....	1.50 net.
Eight-armed grate; weight, $10\frac{3}{4}$ lbs.....	2.00 net.

STOVE FOR TENT HEATER



POT STOVE

This stove is designed for a tent heater, made of 24 gauge sheet steel, with lid, supplied with four lengths of two feet each telescopic pipe and adjustable spring damper. It is twelve inches in diameter, twelve inches high and made to act as carrier for our cooking outfits, which fit inside the stove. These stoves are made perfectly tight and will hold fire all night. They can be used as a one-hole cooking stove.

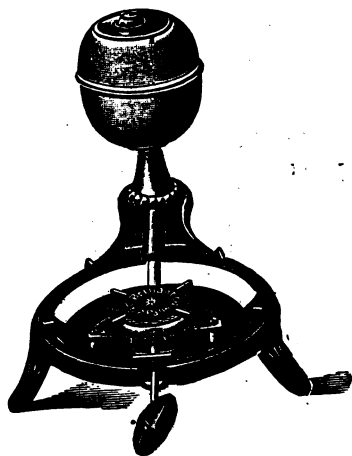
Weight, complete, 11 lbs.

Price, \$3.75 net.

Canvas bag for above, price \$1.50 net.



ALCOHOL BURNER



Alcohol has for a long time been appreciated as an excellent fuel; but owing to the high internal revenue tax it has been too expensive for general use. Now that the tax is removed from undrinkable alcohol, its use as fuel will increase very rapidly, as fast as people can learn its reasonable price. It is clean both in the handling and burning; there is no soot, grease or odor and it particularly recommends itself because of its lightness; that is, the same quantity of alcohol burns more than twice as long as any other fuel with equally good results.

The burners are very light as compared to other forms of fluid (kerosene, etc) burners and the form we present is the best yet made and the one selected by the large companies making alcohol in this country and in Germany.

With this burner the flame can be regulated to a nicety by a valve and absolutely uniform heat for the various cooking and heating operations can be maintained. The supply is by gravity, there is no wick or pump to give trouble. The user simply opens the valve until some alcohol runs in the pan, then ignites it and in less than a minute the burner is hot and then the valve is reopened to adjust the flame as desired, which burns perfectly clear. The burner never needs cleaning unless foreign substance is spilled on it.

In our use of this burner we have found the maximum consumption of alcohol is a pint in two and one-half hours, and that most satisfactory results in cooking and heating can be had at a consumption of one pint in six hours, at which rate a quart of water at 37 degrees F. was raised to the boiling point, 212 degrees F., within seven minutes. This, one can see, is heat in sufficient quantity for cooking quickly. For heating we supply a radiating drum, which fits the stand exactly. We supply one, two or three burner stands, thus giving direct heat to more than one vessel at the same time, which is so often necessary in cooking.

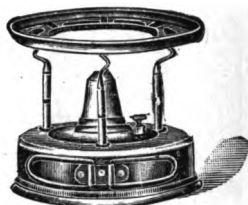
Single Burner, weighs 3 pounds.....	Price, \$4.00 net.
Double Burner, weighs 5 pounds.....	Price, 10.00 net.
Triple Burner, weighs 7 pounds.....	Price, 17.50 net.
Radiating Drum, weighs 1 1/4 pounds.....	Price, 1.50 net.
Gallon Can, weighs 3/4 pound.....	Price, .75 net.
Canvas Cover, weighs 1/4 pound.....	Price, 1.50 net.



FRENCH ALCOHOL LAMPS

Made of heavy burnished copper, with folding handles and detachable rests. Size when folded, 2x5 inches.

Price, \$3.00 net.



TRAVELERS' COMPANION



Made of aluminum, with asbestos burner. Pan has folding handles, and when not in use, lamp and stand pack into the pan. $2\frac{1}{2}$ ins. high, 3 ins. diameter; weight, 5 ozs.

Price, \$1.50 net.

ALCOHOL COOKER

Serviceable indoors and outdoors.

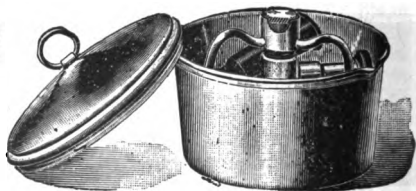
The Stand, Lamp and Handle fit inside the Cup.

The Handle is Non-Heating Ebonized Wood and is removable.

Fitted with Sterno-Inferno Lamp holding three gills of alcohol, which will burn about three hours.

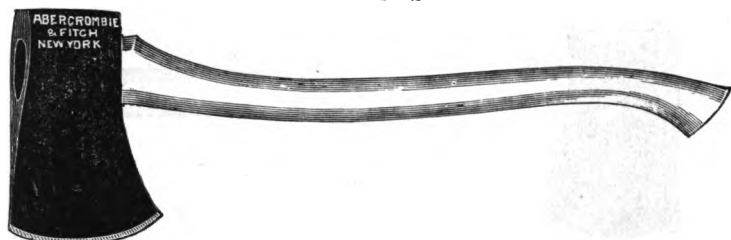
Cap of Lamp prevents evaporation of alcohol.

Capacity, 2 pints. Nickel-plate. Price \$5.00.



With the Parts Inside the Cup,
 $4\frac{1}{2}$ Inches High.

AXES



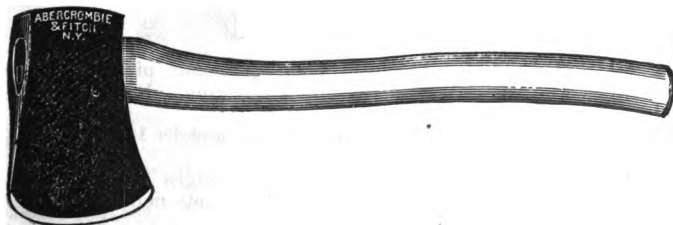
An axe is the mainspring of the camp, and a good one will help wonderfully toward running smoothly. Our axes are made expressly for us. They are made of the very best materials and with the most skilled art of the tool maker.

The handles are made of thoroughly seasoned second growth hickory.

We supply these axes with leather sheath, which is a great protection either in the pack or on the belt.

Yankee $\frac{1}{4}$ Axe, with 19-inch handle, weighs 2 lbs.....	Price, \$0.75 net.
Yankee $\frac{1}{2}$ Axe, with 24-inch handle, weighs 2½ lbs.....	Price, .90 net.
Yankee $\frac{3}{4}$ Axe, with 28-inch handle, weighs 3 lbs.....	Price, 1.00 net.
Yankee full Axe, with 36-inch handle, weighs 5 lbs.....	Price, 1.50 net.
Leather carrying sheath, weighs $\frac{1}{4}$ lb.....	Price, 1.00 net.
Leather carrying sheath, weighs $\frac{1}{2}$ lb., full Axe.....	Price, 1.50 net.

HUNTER'S HATCHET



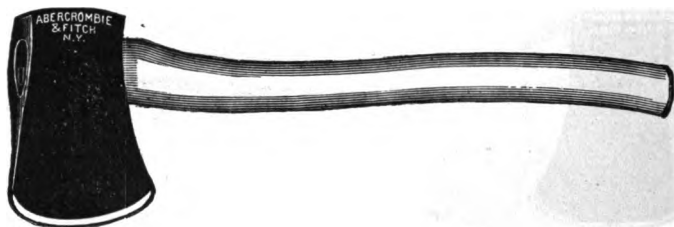
This hatchet is simply a regular quarter axe with hatchet handle, which is 17 inches long. The difference in the handles is shown in the cuts. This hatchet is also equipped with leather sheath.

Hunter's Hatchet, with 17-inch handle, weighs 2 lbs., price 75 cents net.

Leather carrying sheath, weighs $\frac{1}{4}$ lb., price, \$1.00 net.

Carborundum axe stones, for quickly sharpening an axe, 25 cents each.

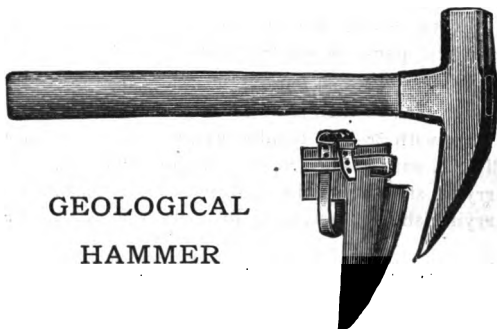
SPECIAL HUNTER'S HATCHET



For those who wish a real but lighter axe than described on the preceding page, a special hunter's hatchet with style handle as shown in cut.

Special Hunter's Hatchet, with 14-inch handle, weighs $1\frac{1}{2}$ pounds; price, 75 cents net.

Leather carrying sheath, weighs $\frac{1}{4}$ pound. Price, 75 cents net.



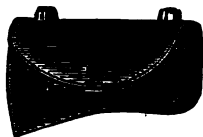
GEOLOGICAL
HAMMER

This is the hammer (really a combination of pick and hammer) used by geologists and scientists in prospecting. It makes a useful camp tool as well.

Geological Hammer with 13-inch handle, weighs $1\frac{3}{4}$ pounds; price, \$1.25 net.

Geological Hammer with 10-inch handle, weighs 1 lb.; price, \$1 net. Sheath, leather; weight, $\frac{1}{4}$ lb.; price, 75 cents net.

AXE SHEATH



Leather carrying sheath, weighs 1 oz. Price, \$1.00 net.

Leather carrying sheath, full axe, weighs 1 oz. Price, \$1.50 net.

Carborundum axe stones, $2\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2}$, weighs $3\frac{1}{2}$ ozs. Price, 25 cents net.

MACHETES

This is the famous implement used in the Spanish-American countries both as tool and weapon. When there is much brush or small stuff to cut it is hard to conceive a better tool. It is very light and extremely strong, of the same make as our axes.

For bear hunting or following the dogs, or cutting through cane or brush, it is just the thing.

Weight, one and a half pounds.

Price\$1.25 net

Sheath weighs one-half pound.

Price75 net

PROSPECTOR'S PICK

This is the pick commonly used by miner and scientist in prospecting. Oft-times around camp a tool for digging is needed, a tool almost impossible to manufacture from material at hand. We suggest this is a most useful camp tool, especially in winter, when it is necessary to break the ground to start the tent pins. Each pick is supplied with a handle.

Weights with handle, 3 $\frac{3}{4}$ lbs. Price, \$1.25 net.

MINER'S WASH PAN

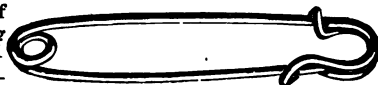


Made of stamped steel. Polished on inside. 16 $\frac{1}{2}$ inches wide.

Price, 35 cents, net.

SAFETY PINS

This little article, so often overlooked when making up an outfit, is a very useful part of a camp equipment. For fastening a tent flap, pinning up a curtain, securing the sides of blankets, etc., it will be found most useful. Made of heavy spring wire, nickel plated, well tempered; will not break.



4 ins. long, weight $\frac{1}{2}$ oz.Price, per doz., \$0.50 net.
3 ins. long, weight $\frac{1}{4}$ oz.Price, per doz., 0.30 net.

SPORTSMAN'S STONE



This pocket stone is the best we have ever seen. It has two faces of carborundum. The quickest and smoothest abrasive known, one medium and the other fine. It will sharpen

anything from an axe to a fine knife blade. Comes in leather case.
Size $1\frac{1}{4} \times \frac{1}{2}$ in. Weight 2 oz. Price.....\$0.75 net.

Axe Stones and Carborundum Stones, see page 149.

MARBLE'S SAFETY POCKET AXES



No. 6. Head of steel, with tool steel bit welded in. Hickory handle, 20 oz.; 12 in. Each, \$1.50 net.

No. 2. Solid steel blade, engraved; black hard rubber side plates; 20 oz.; 11 in. \$2.50 net.

MARBLE'S SAFETY SAW

The saw blade folds into the handle and is held in place by an inside clasp.

On account of being so safe, light and easy to carry, this saw is invaluable to all people who go into the woods and especially so to the student of forestry and botany.



Open, 1-3 size.

Blade, 8 inches. Weight, 4 ounces..... \$1.00

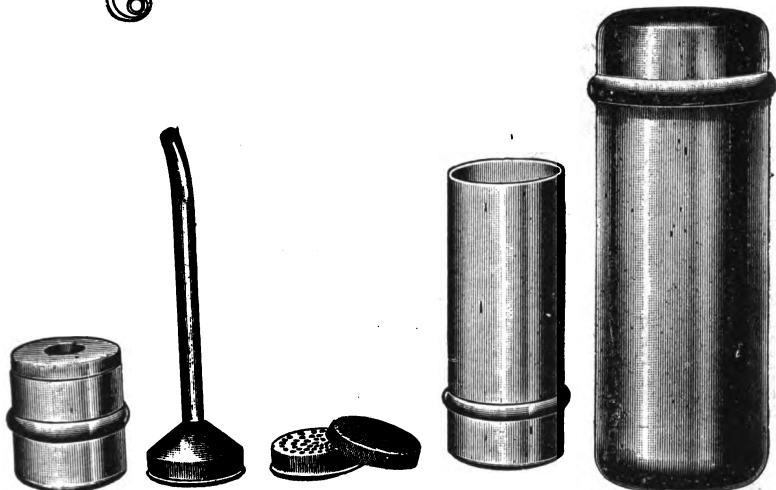
MARBLE'S SAFETY FISH KNIFE



4-inch blade, German silver handle..... \$1.00



DR. R. O. STEBBINS POCKET FILTER



Pat. Pending.

Closed.

Pure water and its value to health, an all important factor in the protection of the traveler, demands due consideration.

We have examined many ways of providing pure water and have determined upon the following filters as combining the qualities needed in our use. The Dr. Stebbins as the best form of pocket or individual filter, and the Berkefeld as the best form of filter pump for general supply. These include, each in its own way, the qualities of perfect filtration, rapid supply, portable form, durability and simplicity.

We like the Stebbins pocket filter particularly, for it does its work effectively, yet is perfectly simple. There is nothing to break or get out of order. There is nothing puzzling about using it and there are no small parts to get mislaid. It is strong without being bulky.

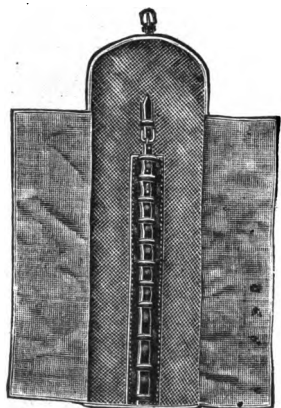
The filter consists of: First, an outside carrying case $4\frac{1}{4}$ inches long, $1\frac{1}{2}$ inches in diameter. Four-fifths of this is a cup and the remainder a top which is a box for carrying 50 extra filter papers; second, the filter itself.

This is a $\frac{1}{4}$ -inch tube widening out at the base to a shallow cup $\frac{1}{4}$ -inch deep and $1\frac{1}{4}$ inches in diameter. In this wide end is a finely perforated disc against which is placed a chemical filter paper and this is held in place by another shallow and snug fitting perforated cup. Water is drawn into the mouth through the filter and tube.

Chemical filter paper is a safe means of separating organic matter from water. This little filter is made of brass heavily nickel plated inside and out. Weight, 4 ounces.....Price, \$1.00 net.



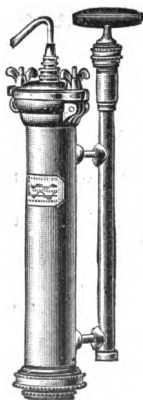
TOOL ROLL



This tool is a handy article for the automobilist, power-boat driver or the camper on a pack trip.

Made of pantasote duck, reinforced with leather and leather strapped.

Weighs 19 ozs. Price.....\$2.00 net.



BERKEFELD FILTER PUMP

The filter consists of a brass case nickel plated containing and protecting the filtering cylinder made of infusorial earth. This must be put in water and by a handpump attached at the side water is forced through the filtering cylinder out through a gooseneck tube at the top yielding a continuous flow of perfectly pure water in larger or smaller quantities according to the pressure. The filtering cylinder should occasionally be removed and washed off with a cloth or soft brush.

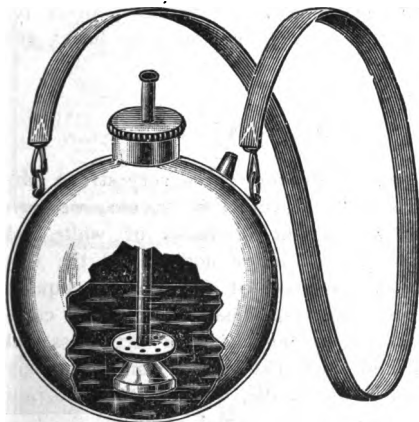
The army filter shown in the cut is used the world over. It weighs 3 pounds, is 14 inches high, 3 inches wide and 2 inches thick. The capacity is 1 quart per minute. Price complete, \$10.00. Extra cylinder, \$2.00.

ARTIFICIAL LAKES

We have used our waterproof material with great success to hold water in bulk for tanks, ponds and lakes used in theatres and exhibition buildings, for swimming and diving acts, exhibiting fish, canoe races and scenic effect. We guarantee to do this work in a satisfactory manner and solicit correspondence.



DR. R. O. STEBBINS FILTERING CANTEEN



It is admitted that a filter is a most wise and necessary part of every camp outfit.

Where a canteen is needed we supply an excellent contrivance combining both canteen or water carrier (sufficient for one person's daily needs) and a filter the principle of which is the same as described above.

For filling the cork A is removed, which brings with it the filter tube and filter;

for drinking the cap B is turned open to let in air and the mouth applied to the filter tube C, which passes through the cork and water is drawn by suction. As the water passes through the filter paper D all organic matter is caught and pure water only is drunk.

This canteen is peculiarly suited to army use, where there has been the best known demonstration of the evils that result from carelessness as to drinking water.

The canteen is covered with a layer of felt and with a strong canvas jacket for cooling and is fitted with shoulder straps. It is substantially made and holds $2\frac{1}{2}$ pints. It is 8 inches in diameter, $1\frac{3}{4}$ inches thick.

Weight, 14 ounces.....Price, \$4.00 net.



CANTEENS

There are many times and places where a canteen is an absolute necessity and we have made an effort to supply the very best articles for the purpose.

All our canteens except the oak canteen or cask have covers for cooling water, are fitted with shoulder straps having snap hooks and all are guaranteed perfect.

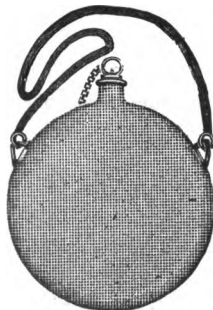
OAK CANTEENS



To meet the demand for a very strong canteen to carry whiskey, brandy, etc., we have had made canteens or casks of white oak which are almost indestructible and the very best article we know of for carrying liquors. We carry two sizes, 2-quart and 4-quart capacity. They are made like a first-class oak cask bound with galvanized iron hoops and have brass bail handle, wooden handhold, and are supplied with shoulder strap.

2-quart size, 8 in. diam., 4½ in. wide. Weighs 2¼ lbs. Price, \$2.25 net.

4-quart size, 9¾ in. diam., 5 in. wide. Weighs 3¼ lbs. Price, \$3.00 net.



ALUMINUM ARMY CANTEEN

This army canteen is approved by the U. S. Government, and is made of one piece of aluminum without seams to leak or give trouble. It is covered with felt and a strong canvas jacket and is fitted with shoulder straps. An aluminum receptacle should not be used for whiskey, brandy, etc. Size, 8 in. diameter, 2 in. thick. Capacity, 2½ pints. Weight, 12 ozs. Price, \$2.75 net.



SELF-COOLING WATER BAG

Travelers in the tropics and in arid regions need cool water to drink. This can be had by using a linen duck water bag, which exudes a slight amount of water which evaporates in the hot sun, and this evaporation cools the contents. When hung up and swung in the air greater evaporation takes place and consequently cold water is had. Invaluable for explorers, miners, prospectors, herdsmen, etc.

2½ gallon size weighs 1 lb.....Price \$2.00

5 gallon size weighs 1½ lbs.....Price 3.00

WATER BOTTLE



We have been making these bottles for canoeists and boatmen, out of brown waterproof duck, and they are giving excellent satisfaction. The cut shows the shape; the top is finished by a cylinder of wood, and the stopper is a common cork. We also make water panniers for carrying water into arid regions.

Weight, ½ pound; \$1.50 net.

"THE TORCH" SAFETY MATCH



Made like a match. Will strike and burn even when damp. Gives a bright flare for 20 seconds and cannot be blown out. Of great value to sportsmen.

Paper box, ten matches..... 5 cents.

Tin box, 100 matches 35 cents.

These matches cannot be sent by mail.



PACKS AND PACKING

A suitable and good outfit nicely packed with many of the problems as to transportation foreseen and provided for, whether the carrying is to be by train, by boat, by canoe, by wagon, by man, by horse, or by sledge, how much must such provision add to the satisfactory anticipation of a trip. Packing must be considered first. There are some forms of cases and bags suitable for general packing such as canvas clothes bags, food bags and cans, fiber cases, pack cloths, ruck sacks and the camp pack. This last article, while we do not regard it as quite such a practical necessity as bags and pack cloths, is for some uses the most convenient thing we have. For a person wishing to carry a light load a small size is very suitable, the load is thus placed on the back, where it can be carried to best advantage, leaving the arms free. It will hold very nicely small personal articles, a book, note book, or stationery or anything which should be easily accessible and is particularly useful for women.

The bags and cases are all strong enough to stand checking as baggage and are provided with methods for locking. The fiber cases, made telescope, are used as an ordinary trunk, to be left behind at the point of departure or can be used throughout a trip, as they are of suitable size to fit into a canoe, put upon the back, on a pack saddle, etc.

There are other receptacles for certain purposes—pack baskets, ammunition or lunch bags, holsters, saddle bags, alforjas, etc.—whose utility is readily understood when the article to be carried or the means of transportation are peculiar.

Now we must consider the method of transportation. For carrying on a man's back, there is the pack harness, tump line and combination of both; the camp pack and pack basket are provided with their own harness; for carrying on horse, mule or burro, there is the pack saddle; for packing with dogs, there is the sledge and harness, and on the water there is the canoe, and on the portage the yoke and carrier for canoe or boat.

This is a very important part of outfitting and we have given much thought and work in the field to making everything we recommend entirely trustworthy.



CANVAS CLOTHING AND PROVISION BAGS



CLOTHES BAG.

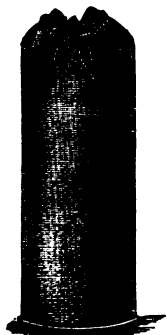
Diam.	Length	Weight	Net Price
9 inches	24 inches	11 ounces	\$1.00
12 "	36 "	21 "	1.30
15 "	36 "	29 "	1.70
18 "	36 "	35 "	2.00

STRONG HANDLES ON SIDE AND BOTTOM,
35 cents net extra per bag.

Lock for bag (page 79), \$1.00 net.

These carry bags are made of brown water-proof canvas, with double top and edges strongly bound with linen braid. The 9x24 provision bag holds 42 pounds of beans. Clothing varies so in weight that no general estimate of capacity can be given. These bags are the proper thing for canoeing.

EXTRA HEAVY DUCK CLOTHING AND PROVISION BAGS



CLOTHES BAG.

Diam.	Length	Weight	Net Price
9 inches	24 inches	1½ pounds	\$1.25
12 "	36 "	2¾ "	1.75
15 "	36 "	4 "	2.10
18 "	36 "	4¾ "	2.50

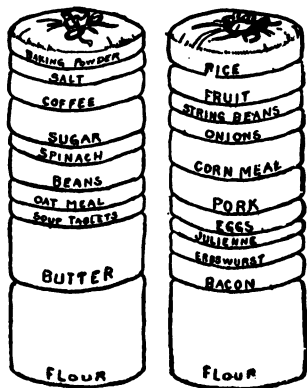
STRONG HANDLES ON SIDE AND BOTTOM,
50 cents net extra per bag.

Lock for bag (page 79), \$1.00 net.

These carry bags are made of extra heavy duck, much heavier than our brown water-proof canvas, and are intended for such rough use as packing on horses, checking for very long journeys and much handling. Made with double top and edges strongly bound with linen braid. The 9x24 provision bag holds 42 pounds of beans. Clothing varies so in weight that no general estimate of capacity can be given.



BAGS FOR FOOD



These water-proof bags are made of our special water-proof fabric, $8\frac{1}{2}$ inches in diameter and of varying lengths to fit the 9-inch provision bags (page 77) and to hold up to 5 pounds of such foods as rice, meal, beans, etc. A 9-inch provision bag packed with these smaller bags of food holds about 35 pounds net weight. Two thus packed with a pack harness (page 81) or with a tump line (page 82) make an easy load and carry a full two weeks' supply for two men. Pantasote leather is practically greaseproof and makes an excellent bag to carry pork and bacon, or butter and lard when the

temperature is about 60 degrees F. or lower. For tropical climates and during the heated term we advise the use of friction-top tin cans, 8 inches diameter and of varying heights, for butter, etc., each with a 7-inch (diameter) friction-top. These cans will hold oil if used instead of butter, lard, etc., and having no sharp corners or handles do not cut or tear the pack. Food carried in these bags can be so conveniently disposed of in camp that the slight expense of the bag is more than made up by the time saved in handling. The user can mark the bag as desired.

These bags can be put on the folding shelves in camp (page 42), and are as convenient a receptacle for food there as on the journey. When kept closely tied up they are proof against moisture, insects and other pests injuring the food. Extra ones will be found convenient for holding lunches, carrying food on side trips, packing small skins and occasions will suggest other uses, so that it is well to have more than the required number for food.

Bags to hold 5 lbs. or less; weight, $1\frac{1}{2}$ lbs.; price per dozen.. \$1.50 net.

Bags to hold 10 lbs. or less; weight, $2\frac{1}{4}$ lbs.; price per dozen, 2.25 net.

Pantasote bags to hold 10 lbs. or less; weight, $4\frac{1}{2}$ lbs.; price each50 net.

Friction-top tin cans to hold 5 lbs.; weight, 11 ozs.; price each .35 net.

Friction-top tin cans to hold 10 lbs.; weight, 15 ozs.; price each .40 net.



LOCK FOR BAG



This device is intended to fasten the top of our bag described on page 77. It consists of a brass spindle slipped through the grommets in the top of the bag and secured on the end by a brass lock. When a bag is made to be locked with this device we use a special grommet, so please take note of this when ordering. Weight, 4 ozs. Price, \$1.00 net.

AMMUNITION OR LUNCH BAG



AMMUNITION BAG

Size	Brown Waterproof		Heavy Duck	
	Net Price	Weight	Net Price	Weight
10 x 12	\$1.50	12 oz.	\$1.75	18 oz.

This bag is made of brown water-proof canvas, and also heavy water-proof duck; edges bound with linen braid. Has loops for waist belt and a shoulder strap. We have them covered with flannel to prevent noise when going through brush. This bag is excellent as a pack for the little personal things.

PACK BASKET

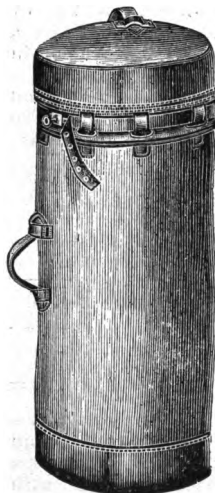


This pack basket is an improvement on the old basket, made especially for us of rattan and oak splits, and the design is excellent. It has a large mouth, which makes packing easy, a good flat back and large capacity. As it is covered with water-proof duck, the contents are kept dry. The cover is strapped on with strap and lock buckle in such a manner that the basket cannot be opened except by the key or by destructive force. The best of its kind. Weight, 7 lbs.

Price, \$7.50 net.

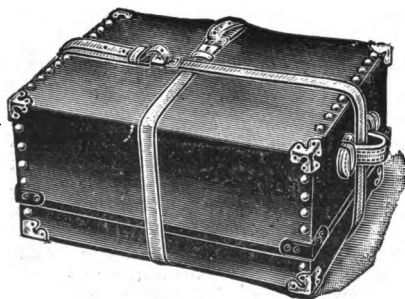


SECURITY DUFFLE BAG



In answer to repeated calls for a duffle bag of heavier and stronger material than that generally used, and safe from intrusion, we offer our "Security." This is made of extra heavy Pantasote duck, with heavy leather ends, strongly reinforced, 4 inches up the sides, with stout leather. Inside the top is an extra waterproof throat piece. The bag has strong leather handles on one side and both ends. It is closed and fastened with a heavy leather strap and lock buckle drawn through metal eyelets in such manner as to be absolutely waterproof and safe from intrusion or inspection except by destructive force. This bag will at once appeal to all sportsmen, and we cannot recommend it too highly. Two sizes only carried in stock, 15 ins. diameter, 36 ins. long. Weighs 8 lbs. Price, \$15.00 net. 18 ins. diameter, 36 ins. long. Weighs 12 lbs. Price, \$18.00 net.

FIBER PACKING CASES



Recognizing the necessity of convenient packing for transportation, we have had especially made for us (after long experiment) strong fiber cases which telescope and can be checked on the railroads and other transportation lines. The size is convenient for carrying in canoes, on dog sleds or on pack saddles. These cases are much stronger than ordinary trunks and much lighter, made of leatheroid thoroughly pressed and baked, and are water-

proof. The size is also proper for packing our tents, sleeping bags, shelves, tables, etc., described in this catalogue. They are provided with two strong straps with brass lock buckles, all corners and edges protected by steel corner guards. We make these to order any size wanted and arrange them when ordered for carrying on pack saddle. Inside measurements, 18x24x12 inches. Weight, 17 lbs. Price, \$12.00 net.

Panniers, 17x26x9 inches. Weight, 15 lbs. Price, \$10.00 net.



PACK HARNESS

These cuts show our pack harness attached to two 9-inch provision bags. The upper right-hand cut shows the harness and bags in combination with a head carrier or tump line, the lower left-hand cut shows the harness and bags alone. The pack harness is the same contrivance as that for carrying the camp pack (page 84) with the addition of two six-foot straps for securing any load—such as bags, bundles, boxes, a carcass, pelts or trophies.



We use the best oak tanned leather, the harness is securely sewed and riveted, has brass buckles throughout, and no expense is spared to make this a thoroughly reliable article. For small, heavy loads (such as two nine-inch provision bags, loaded, page 77), we think the above combination the very best contrivance ever put on the market. For bulky things, where it takes several articles to make a load, the tump line with thongs and ground cloth is the best contrivance.

Harness alone weighs $1\frac{1}{4}$ lb. Price..... \$3.00 net.

Harness with tump line in combination weighs $1\frac{3}{4}$ lb. Price.. 4.00 net.



TUMP LINE



This cut shows a tump line or head carrier in use, the method extensively used by the Canadians. It consists of a band of leather, the proper length and width, attached to two long leather thongs. In packing, a ground cloth about five feet wide and six feet long (pages 31 and 83) is spread flat, the leather thongs laid lengthwise on the cloth, each about one foot from edge, with the tump line at one end, and the cloth is folded inwards over each thong. The duffle or outfit is laid on the folded cloth about one foot from the tump line end, soft things first, such as sleeping bag, tent, etc., the pile should be two feet along the cloth and about one and one-half feet high. The free end of cloth, with the thongs protruding from the corners, is laid over the pile and the end of the thong is drawn until the edge of cloth is well puckered over the end of the pile; the other end is closed in same manner, each thong is tied in a square knot, the free ends of the thongs are crossed over what is now the pack and tied securely around the middle. In carrying a single large bag, such as flour or meal, the thongs are tied around each end, then crossed over the end and crossed again and tied around the middle of the bag. The tump line is adjusted the proper distance from the pack by buckles (brass) at the end and the load is ready for portage.

Weight of line and thongs, 1 lb. Price, \$2.00 net.



RUCK SACK

This form of pack is the one used by mountain climbers in the Alps and elsewhere. An excellent model for light-weight packs. Made of gabardeen, 16x20 ins.; weight, 14 ozs. Made of brown waterproof canvas, 22x22 ins.; weight, 1½ lbs.

Price of each, \$3.50 net.



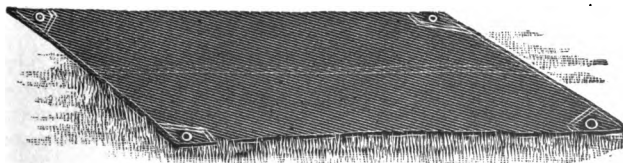
NESSMUK PACK

This form of pack has been made famous by "Nessmuk," and is also a good design for light-weight packs. Made of brown waterproof canvas. Size, 15x20x5 ins.; weight, 1½ lbs.

Price, \$3.25 net.



PACK CLOTHS



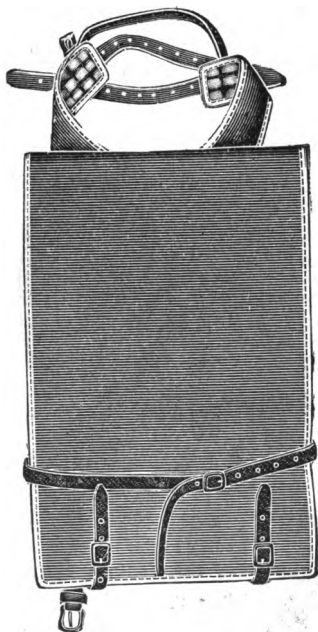
These pack cloths we strongly recommend. Made of brown waterproof canvas, the proper weight for packing. There are so many uses for a rectangular piece of cloth that at least one should be in every outfit.

Size, 5x6; weight, 3½ lbs. \$2.25 net.

Size, 6x7; weight, 4¾ lbs. 3.10 net.



WATERPROOF CAMP PACK



Our camp pack is made of strong, close woven brown waterproof canvas, has a shoulder piece and carrying straps which distribute the load evenly over the neck and shoulders, thus avoiding the undue chafing which is usual with pack straps. All edges are strongly bound with linen braid, and inside the flap is a pocket its full length and width. Our pack is lighter than those of leather commonly seen. It is quite as durable, more convenient, requiring no special care, such as greasing, etc.

Size, 6x16x22 inches.

Weight, 3½ lbs.

Price, \$5.50 net.

Size, 4x14x16 inches.

Weight, 2¾ lbs.

Price, \$5.00 net.

GAME BAG



Many sportsmen prefer a game bag in which to carry birds, rather than use pockets in a garment. We make this bag with leather back and flap and canvas front, ventilated. Has shoulder straps.

Weights 13 ounces. Price, \$2.50 net.



CANOES

The canvas covered canoe is universally considered the best for the requirements of sportsmen.

It is easier to manage, will carry greater loads, and is the only canoe that will stand rough usage. In order to turn out a thoroughly reliable and trustworthy canoe the questions of model and construction must be carefully considered.

This we have done. We have closely studied the manner of canoe-building in all its details, and being familiar with the many and peculiar requirements of the sportsman's canoe, we have no hesitation in saying we have the best canoes ever built. In their construction none but the very best materials obtainable are used.

Ribs and planking of selected cedar, extra long, affording a stiffness and stability possessed by no other canoe made. Gun-wales and out-wales of spruce, light and tough. Posts, decks, frames and thwarts of seasoned ash and oak. Brass bang plates. Caned seats. Body thoroughly oiled and rubbed down, inside and out, before finishing. Covered with a special grade of canvas, thoroughly waterproofed, filled, rubbed down, painted and varnished, copper and brass fastened throughout. We carry four models, each one especially constructed for a particular purpose.



THE CAUGHNAWANA

This magnificent model is the result of years of study in the art of canoe building. In it the weight is reduced to a minimum, and yet all the strength and rigidity, so necessary to the canoe-man, has been retained, and even augmented, in every seam and joint.

Built expressly for use in rough country, when frequent portages have to be made over bad trails, it renders comparatively easy a trip which would be well nigh impossible with the ordinary heavy canoe.

It is very buoyant, draws but little water, easily carries two men and baggage, and is a very fast, easy-paddling canoe.

We make but one size, 15 feet. Depth, 11 ins. Width, 33 ins.

Color, Bluish Gray. Weight, 48 lbs.....Price, \$35.00

THE TOURADIF



Designed for long, hard trips, where a heavy outfit is carried. For shooting rapids and for poling through rough streams it has no equal. Color, bluish gray.

Length.	Width.	Depth.	Weight.	Price.
16 ft.	32 ins.	13 ins.	75 lbs.	\$32.00 net.
17 ft.	33 ins.	13 ins.	78 lbs.	33.00 net.
18 ft.	34½ ins.	13½ ins.	83 lbs.	35.00 net.
19 ft.	35 ins.	14 ins.	88 lbs.	37.00 net.
20 ft.	36 ins.	14 ins.	91 lbs.	39.00 net.

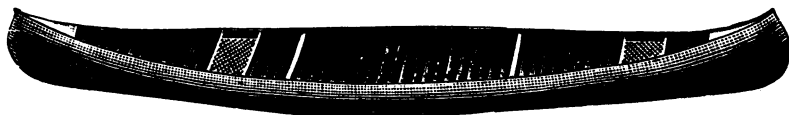
THE BIC



This is a "white water" canoe. The form of the bow turns heavy seas easily and gives it a wonderful steadiness in rough water. For use on large, windy lakes, or in stormy weather, it is unquestionably the best canoe made. Colors, green, A. & F. green.

Length.	Width.	Depth.	Weight.	Price.
16 ft.	32 ins.	11½ ins.	65 lbs.	\$33.00 net.
17 ft.	33 ins.	12 ins.	70 lbs.	35.00 net.
18 ft.	34 ins.	12½ ins.	75 lbs.	37.00 net.

THE CLUB



As the name indicates, this canoe was constructed mainly for the use of clubs, large camps, families, etc. The sides have a decided bilge, and the floor is quite flat, which gives it an enormous carrying capacity and great steadiness. All club canoes have keels.

It is extremely handsome in appearance, a very easy paddler, draws very little water, and is without equal as a fishing canoe. Color, green.

Length.	Width.	Depth.	Weight.	Price.
16 ft.	32 ins.	11½ ins.	65 lbs.	\$34.00 net.
17 ft.	33 ins.	11½ ins.	70 lbs.	36.00 net.
18 ft.	34 ins.	11½ ins.	75 lbs.	39.00 net.

SPONSON CANOES

For the use of families, or those who are inclined to be cautious upon the water, we particularly recommend the Sponson canoe. These canoes are so-called from the air chambers built out from each side and tapering from center to bow and to stern. It is next to impossible to upset these canoes, and even when filled with water they will support a heavy weight. They are staunch, easily handled, fast and absolutely safe.

Length.	Width.	Depth.	Color.	Net. Price.
16	32	11½	A. & F. green	44.00
17	33	12	A. & F. green	46.50
18	34	12½	A. & F. green	49.00
Rowing Seat, improved, each.....				\$2.50
Polished Brass Row-locks, per pair.....				2.50
Galvanized Iron Row-locks, per pair.....				1.25
Oars, Spruce, Straight Blades, Leathered, Varnished and Copper Tipped, per foot .....				.15
Oars, Spruce, Spoon Blades, Leathered, Varnished and Copper Tipped, per foot .....				.25
A. and F. Special, with Sponson's, with mahogany long decks, the finest canoe that can be built, 17 ft.....				\$75.00
Paddles, spruce, double, with friction point, first quality, \$3.50 each.				

CANOE EXTRAS

Paddles, single, best quality, spruce or maple, each.....	\$1.50 net.
Setting Poles, with picks.....	1.50 net.
Chairs, folding, slat, ordinary	1.25 net.
Chairs, caned, highly finished	2.50 net.
Back Rests, slat, light and good	1.00 net.
Back Rests, hardwood frame, caned	1.50 net.
Back Rests, rolling and folding, Pantasote leather and ash slats	1.25 net.
Carpets to cover bottom of canoe, per foot .....	.50 net.
Flag Poles, complete, with acorn ends, each .....	.75 net.
Flag Pole sockets .....	.35 net.
Pneumatic Canoe Carrier	3.50 net.
Masts	\$2.00 to \$4.00
Sails	5.00 " 17.50
Lee-boards	6.00
Canoes rigged for sailing built to order only.	



PNEUMATIC CUSHIONS



"Double"



"Single"

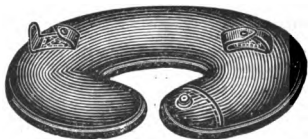
Pneumatic cushions are the only safe as well as the most practical cushions for yacht or boat use. Each cushion is a life preserver, and in case of an accident it is handy and ready.

The double cushion forms both a seat and a back rest. Two of the large size make an emergency mattress. These cushions are covered with brown canvas and have life line attached to each; are moisture proof, bug proof and odorless.

		Price, net.
No. 1.	"Double," seat 12x12 in., back 12x12 in., weight, 3 lbs....	\$ 6.00
No. 2.	" seat 15x15 in., back 15x28 in., weight, 6¾ lbs...	10.25
No. 3.	" seat 12x14 in., back 12x20 in., weight, 4½ lbs...	7.50
No. 3.	"Single," 12x12 in., weight, 1½ lbs.....	3.00
No. 4.	" 12x14 in., weight, 1⅝ lbs.....	3.50
No. 5.	" 12x20 in., weight, 1⅞ lbs.....	4.00
No. 6.	" 12x24 in., weight, 2 lbs.....	4.50
No. 7.	" 12x15 in., weight, 1¾ lbs.....	3.75
No. 8.	" 15x15 in., weight, 1⅞ lbs.....	4.00

Special sizes and any shape made to order. Pumps are not necessary with cushions.

PNEUMATIC CANOE CARRIER



This is a most useful contrivance. It can be rolled into a bundle 3x6 inches; when inflated used as a pillow, a boat or canoe seat, or a seat around camp. When used as a carrier for canoe the paddles are laid on the thwarts lengthwise of canoe somewhat separated over the center thwart, the straps of carrier are fastened around paddles. The canoe is then lifted, turned over and the carrier set over the shoulders and around the neck, the weight is thus evenly distributed and when balanced one can carry a canoe with ease, using this device:

Weight, 2 lbs. Price, \$3.50 net.



CUSHIONS



We make cushions to order for camps, yachts, boats, and as seats for all purposes.

We use the best materials and practice the most approved methods of workmanship by high grade experienced labor. The seams of the cover between the sides, top and bottom are neatly piped, which not only gives the cushions a fine appearance but strengthens them. In making our cork-filled cushions, we use the best grade of cork shavings, topped with a layer of elastic cotton, which makes a better and more durable cushion than cork alone. In tufting cushions, we use buttons to match material on both top and bottom.

Cushions are measured by their greatest length and breadth, and charges are made by square foot as given below. These prices are for cushions with sides, ends and tops of material quoted and canvas bottoms. If bottom is wanted of same material as rest of cover, add 25 cents per square foot for plush, 10 cents per square foot for corduroy and 10 cents per square foot for Pantasote. Enamel duck will be substituted for canvas on the bottom for 5 cents extra per square foot. We will submit estimates on patterns of odd-shaped cushions and on any material desired.

Prices per square foot net when cushions measure over 6 sq. ft.

Covered With	Filled with Cork Shavings	Filled with Cotton Felt	Filled with Curled Hair	Filled with "Pneumatic" Sack
Duck	\$0.75	\$0.80	\$1.00	\$1.75
Corduroy .....	.90	1.00	1.20	2.00
Pantasote Leather .....	.90	1.00	1.20	2.00
Mohair Plush	1.20	1.40	1.60	2.25
Genuine Leather	1.60	1.80	2.00	

SEA ANCHORS OR DRAGS

This should be carried by every yacht, launch, row-boat and canoeist. Made of heavy duck over strong ash hoops. Warranted all hand work. The 22-inch size is the government standard.

Diameter, ins.	30	24	22	16
Length, ins.	40	36	30	24
Price	\$5.00	\$4.50	\$3.50	\$2.50

We also make a smaller and lighter size for use in a canoe or light boat to prevent drifting in a wind. 12 ins. diameter, weight 16 ozs.

Price, \$1.50 net.



AMERICAN FLAGS

SEWED BUNTING ALL WOOL

Made of the best quality of U. S. Standard Bunting.

Sewed throughout and finished in first-class manner.

Small sizes with canvas headings and teeth grommets. Large sizes, from 10x15 feet, with ropes and strong canvas headings.

Size	Per Piece	Size	Per Piece
2 x 3 ft. 13 stars.....	\$.95	9 x 14 ft. 45 stars.....	11.50
2 x 3 " 45 "	1.35	9 x 15 " "	12.30
2½ x 4 " 13 "	1.40	9 x 16 " "	13.20
2½ x 4 " 45 stars.....	1.90	9 x 18 " "	14.70
3 x 5 " "	2.25	10 x 15 " "	13.40
3 x 6 " "	2.70	10 x 16 " "	14.80
4 x 6 " "	3.15	10 x 18 " "	16.00
4 x 7 " "	3.50	10 x 20 " "	17.75
4 x 8 " "	3.95	11 x 22 " "	21.00
5 x 8 " "	4.45	12 x 18 " "	18.70
5 x 9 " "	5.15	12 x 20 " "	20.50
5 x 10 " "	5.60	12 x 22 " "	22.80
6 x 9 " "	5.70	12 x 24 " "	25.00
6 x 10 " "	6.00	12 x 25 " "	26.75
6 x 12 " "	7.50	15 x 24 " "	30.00
7 x 11 " "	7.80	15 x 25 " "	31.00
7 x 12 " "	8.40	15 x 30 " "	37.40
7 x 14 " "	9.35	16 x 24 " "	32.00
8 x 12 " "	9.00	16 x 26 " "	34.00
8 x 15 " "	10.90	18 x 27 " "	40.00
8 x 16 " "	11.70	20 x 30 " "	48.00

Club flags and special designs made to order.

U. S. REGULATION.

Sizes 4 1-3 x 5½ ft. each, \$3.50. Size 6 x 6½ ft. each, \$4.50.



KAY TAFFRAIL LOG

Very useful to yachtmen, launch owners and canoeists. Records automatically on a dial the distance traveled in miles. Weight, packed in box, 13 ozs. Price, \$5.00 net.



A PACK TRIP WITH HORSES

In making preparations for any trip, no matter of what nature, certain things are essential. On a Pack Trip, the party should have a Guide, a Packer, and a Cook, and each member of it should have at least one saddle horse and one pack horse.

GUIDES.

Western Guides' wages are from \$2.50 to \$7.00 a day, depending on locality, experience and demand. Cooks' wages are from \$2.00 to \$3.00 a day. Where plentiful, horses may be had at 25 cents to 50 cents per day; where scarce, for \$2.50 to \$3.00 per day. The penalty for failing to return hired horses should be agreed upon beforehand.

PERSONAL OUTFIT.

The personal outfit should be the same as on page 5, with the addition of riding trousers, a pair of chaparejos, hob-nailed shoes, pair of leather gloves, waterproof saddle-coat instead of poncho, heavier sleeping bag, consisting of six blankets instead of four, and air-bed (as the best form of bed), a No. 3 chair, security duffle bag, (page 80), riding saddle and blanket, saddle bag, saddle holster, bridle, two bells, pack saddle and blanket, pair of alforjas or panniers, mantle, hitch-rope, and two pairs of hobbles.

PARTY OUTFIT.

There should be added to the party outfit, as given on page 5, jointed tent poles, grate for camp fire, legs for table top. Wall tents substituted for other tents.

PACKING AT HOME

The clothes, saddle blanket, rifle (if a take down), fishing rod (should be a pack rod), the chair, the miscellany of the personal outfit, and one of the tents should be rolled up in the sleeping bag and placed in the security duffle bag. Presuming there are two such outfits, the other should be packed in the same way. Pack the cooking outfit as on page 52. The fiber telescope, 18x24x12 inches, with straps and handles makes lightest and most convenient packing case. The pack saddle, saddle, rope, hobbles, alforjas, mantle, tent poles, stove pipe, etc., together with the food, can be packed in two of these cases. This outfit then makes two bags, two rectangular fiber cases, and one cylindrical fiber case.

PACKING AT POINT OF DEPARTURE

Putting the load on to the pack animals requires an experienced hand, and as we advise the services of a packer, the details had better be left to him; we only suggest that the equipment we provide is adapted to be used in a certain order: The pack horse should be blanketed and saddled; the alforjas or panniers filled with food bags and other articles should be hung from the horns of the saddle and properly fastened, the sleeping bags and tents should be folded and laid on top, the whole should be covered with the mantle and secured with the rope by throwing the "Diamond Hitch." The fiber cases and the security duffle bags may be used in packing or left at the point of departure, as the packer thinks best.



ALFORJAS



Alforjas is the Spanish word for a saddle bag used on a pack saddle. Probably no one article for transportation purposes has to stand such rough usage as alforjas, hanging from the horns of the pack saddle by leather loops, held up in front by a ladago, covered with top pack and pack sheet and securely tied to the horse by the diamond hitch it must take all the

knocks and abuse as the cayuse, mule or burro goes through the timber or among the rocks, striking from side to side. We have thoroughly gone through this matter by actual experiment and constructed the very best article for the purpose, using 00 duck throughout with 1½-inch straps, all securely sewed, no better can be made. The size is correct in every detail, 22 inches wide, 17 inches deep and 7 inches wide. Each bag will hold two fifty-pound sacks of flour.

Weight 12 lbs. Price, per pair, \$10.00 net.
 Pack sheets or mantles, made of heavy waterproof duck, 4½x5;
 weight, 6 lbs. Price, each, 2.75 net.

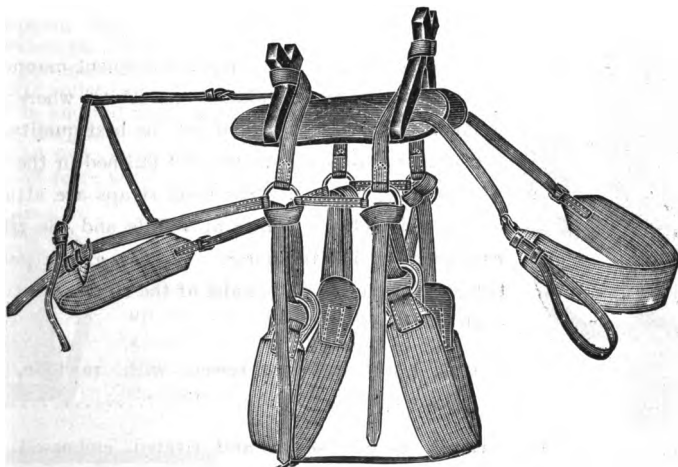
HITCH ROPE

The rope is made especially for this purpose, 1¾ inches in circumference, of the very best selected Manila hemp procurable. A piece 33 feet long is spliced in the end of a seven-inch folded machine-stitched piece of canvas the proper length for cincha, with a Mexican pattern brass hook sewed in the other end of the cincha, making the very best possible hitch rope for the tying of the diamond or any other hitch to attach an outfit to a horse. This rope is so superior to the usual run of rope one needs but to see a sample to realize the advantage of having the best made. Weight, 4½ lbs. Price, \$2.75 complete.





PACK SADDLE



One needs only see the abuse of horses caused by the adjusting of a poorly constructed ordinary pack saddle to realize that there is much room for improvement. We have given much thought to the matter and experimented in the West with the assistance of old experienced packers, and the result is the pack saddle shown above. The tree is an excellent model, fitting the average cayuse perfectly, flattened at the cantle and sharpening toward the pommel. Is made of good, substantial and selected hardwood of proper dimensions; is well mortised and riveted. The leather used is the best oak-tanned harness leather, except the ladagos, which are chrome tanned, never hardening by repeated wetting and drying. All rings and buckles are brass.

Every strap is made the proper width and the lengths are generously long. The breast and breeching straps are made of folded machine stitched canvas and the cinchas are made the same way, with chafe leathers under the rings and connected by strap and buckle. We guarantee this saddle to be the very best made in every respect and hand-sewed throughout. Single cincha pack saddles made to order only. We advise a pack saddle to be used always with double cincha and breast and breeching straps. A saddle so used requires less cinching and is much easier on the horse and packer.

Double cincha, weight, 12 lbs.....	\$15.00 net.
Single cincha, weight, 10 lbs.....	12.00 net.
Pack horse bells, with strap (page 95).....	.50 net.
Blankets (4-fold) for pack saddles.....	3.00 net.
Pack sheets made of heavy waterproof duck, 4½x5; weight, 6 lbs.	2.75 net.



SADDLE HOLSTERS



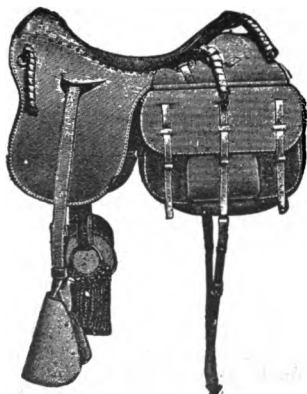
A leather holster is the most convenient manner of carrying a rifle or gun while on horseback where pack animals are used. It is made of the best quality russet leather with sling straps, and finished in the most workmanlike manner. The sling straps are attached at the pommel and cantle of saddle and the rifle is carried alongside the horse. We can give a perfect holster if the make and model of the rifle is mentioned with length of barrel.

No. 1, heavy leather, sewed with rawhide,
stamped edge \$3.00

No. 2, extra heavy russet leather, sewed and riveted, embossed
edge, for carbines and short barrel rifles..... 3.00

No. 3, finest selected russet leather, one side heavily embossed, the
finest holster made..... 6.50

SADDLE BAGS



A pair of saddle bags is the most convenient means of carrying articles frequently needed on a trip where pack animals are used. Made of the very best quality of russet or black bag leather and finished in the most workmanlike manner.

Weight, 4 lbs.

Price, \$12.00 net.

With waterproof lining in pockets. \$15.00



LARIAT

One of our special ropes is a four-strand, hard-twisted, long-fibre manila lariat rope, seven-sixteenths of an inch in diameter, exactly the proper size and the best kind of lariat. The eye is spliced over a polished brass honda; the end is knotted and there is a frayed tassel to show the great length of fibre. Length, 40 feet; weight, $3\frac{1}{4}$ pounds..\$1.75 net. Length, 50 feet; weight, $3\frac{1}{2}$ pounds.. 2.00 net.



PACK HORSE BELLS

On the trail one of the greatest trials is hunting up the horses in the morning. This annoyance can be greatly lessened by having each horse carry a bell, which can easily be heard a long way off, to guide the hunter. Price, with strap, 50 cents each.

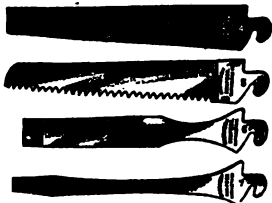


COMBINATION TOOL SET

This set consists of a good strong single-bladed knife, and where an extra blade would ordinarily be, there is inserted any one of the tools shown in the cut: screw driver, chisel, awl, saw, reamer or file. Comes in a neat leather case.

Weighs $5\frac{1}{2}$ ounces.

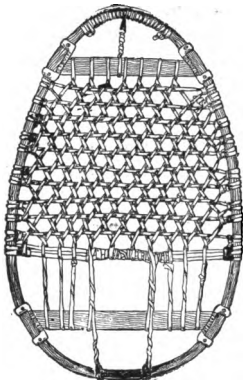
Price, \$2.25 net.





SNOW SHOES

To meet a demand for a practical and reliable snow shoe, not a wall ornament or toy, we have had made for us genuine full sized snow shoes, the bows of best hard wood, the filling of best obtainable strands. We have all sizes suitable for the various weights of the users.

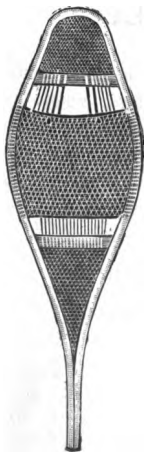


BEAR PAW

These shoes are fully up to the standard and will be found strongly made for service.

The Bear Paw snow shoe has lately become very popular. It is an oval shoe and comes in various sizes to suit different weights. This snow shoe is not as well known as the old Indian pattern, but is approved very highly by practical snowshoers.

The pattern was originated in New York by a spruce gum picker named Mulley.



Name.	Size.	Price.
Children's	9x30	\$3.00 net.
Boys'	10x23	3.50 net.
Women's	11x36	4.50 net.
Light Weight, Men's	12x42	5.00 net.
Medium Weight, Men's	14x42	5.50 net.
Heavy Weight, Men's	18x44	7.50 net.
Club, Men's	16x40	7.00 net.
Siwash, Men's	12x60	8.00 net.
Bear Paw	16x26	5.00 net.
Bear Paw	15x25	4.50 net.
Bear Paw	15x23	4.00 net.
Bear Paw	13x26	4.00 net.
Bear Paw	14x22	3.50 net.
Foot Gear for Snow Shoes, all sizes		1.25 net.



TOBOGGANS



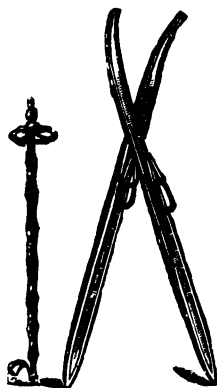
Toboggans are used when a load is to be hauled by hand on the snow or ice. The principle of easy running is reduced friction. Upon this principle our toboggan is built. It is composed of seven slats, all having a flat running surface. The hood, or curved front, is held in place by leather straps and side ropes are well secured. Selected material throughout, natural finished wood, well oiled. All 18 inches wide.

Length in feet	5	6	7	8	9
Price	\$5.00	\$6.00	\$7.00	\$8.00	\$9.00

SKIS

We have genuine Scandinavian Skis, imported directly by us to meet a demand for the best article of its kind. We have tried both American and foreign makes, and pronounce the foreign much the better ski, as the Scandinavians are willing to take a long time in drying and bending the ski.

9 feet long, without foot straps or pole....	\$6.50
8 feet long, without foot straps or pole....	5.50
7. feet long, without foot straps or pole....	5.00
6 feet long, without foot straps or pole....	4.50
Foot straps	1.25
Pole	1.50





ICE AXE

A combined ice axe, notched pick and spiked alpen-stock. Made especially for us of finest steel after exclusive patterns designed by expert mountain climbers and experienced Arctic explorers. The axe-head is double bolted to the staff and can never work loose, yet it can be easily detached for transportation. We warrant these axes to be the finest steel and the best made. Size of head, $11\frac{1}{4}$ ins. Length of staff, $4\frac{1}{2}$ ft. Weight, $3\frac{1}{2}$ lbs.

Price, \$7.50 net.

MOUNTAIN CLIMBING OR GLACIER ROPE

We import a peculiarly woven rope, made of long strand Italian hemp—the most perfect rope made. Combines all the good qualities of twisted and braided rope, and has none of the disadvantages of either. It cannot be untwisted, will never kink, and is always soft and pliable.

10 mm. diameter, breaking strength, 1,700 lbs.

Price, per yard, 24 cents.

11 mm. diameter, breaking strength, 1,800 lbs.

Price, per yard, 27 cents.

12 mm. diameter, breaking strength, 1,900 lbs.

Price, per yard, 30 cents.



EVAPORATED AND COMPRESSED FOOD

One important improvement of late years in an outfit for travelers and sportsmen has been made in foods. Variety in meat, vegetables and fruit is essential to health, yet until lately a palatable and acceptable form was either an impossibility or a great luxury through the inconvenience and expense of carrying canned and bottled goods. We furnish some foods in an evaporated, dried or compressed form; vegetables, soup tablets, eggs, bouillon capsules, Pemmican and erbswurst. These have been in use in America among seafaring people, but until introduced by us in 1897 to sportsmen and travelers they were little known in other circles.

These articles are light, compact and durable. Full directions accompany each package, and the preparation will be found very simple.

SOUP TABLETS



Maggi's Soup Tablets, price 5 cents each. One package enough for two portions. Come in Green Pea, White Bean, Lentil, Spring Vegetables, Tapioca, Julienne, Italian Paste.

Knorr's Soup Tablets come in packages, size $2\frac{1}{2} \times 2\frac{1}{2}$ in., weighing $3\frac{1}{2}$ ounces each. Each package makes $3\frac{1}{2}$ pints of strong soup. The price is 10 cents a package, net. They may be had in the

following varieties: Pea, Bean, Lentil, Potato, Barley, Green Corn, Rice, Farina, Tapioca, Julienne, Onion and Sago.



ERBSWURST

Erbswurst comes in rolls 7 in. long by 1 in. diameter, weighing $\frac{1}{2}$ pound each. It is the celebrated pea-meal sausage, composed of meat, meal and vegetables, in general use among European armies, and is considered a nearly perfect food. Price per roll, 17 cents, net.

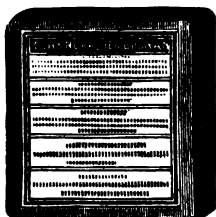
$\frac{1}{4}$ lb. rolls 9 cents. 1 lb. rolls 32 cents.

JULIENNE



Dried Julienne comes in packages, size $2\frac{1}{2} \times 2\frac{1}{2} \times 6$ ins., weighing $\frac{1}{2}$ lb. each. Julienne consists of a mixture of vegetables cut in strips and evaporated; much used in stews and soups. Price per package, 25 cents net.

VEGETABLES

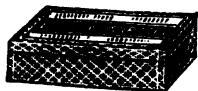


The evaporated and compressed vegetables come in packages, size $4 \times 4\frac{1}{2}$ ins., weighing about 5 ounces, each equal to ten or twelve times its weight in green vegetables. The price is 20 cents a package, net. Twenty packages may be had in a tin. Price per tin, \$4.00, net.

The following varieties may be had: Sliced Beans, Spinach, White Cabbage, Celery, Onions, Leek, Carrots and Turnips.

POTATOES

Evaporated Potatoes can be had sliced, price 25 cents, net, per pound, and they may be had in 16-pound tins, size $10 \times 10 \times 19$ ins., for \$4.00, net, per tin.



BOUILLON CAPSULES

For giving the beef flavor to soups, stews, etc., there is nothing better to be had in substitute to real beef and beef bones, than these capsules. We carry two varieties.

Raffauf's Bouillon Capsules come in tins, size $1\frac{1}{4} \times 2\frac{1}{2} \times \frac{3}{4}$ ins., weighing 4 ounces each, containing twelve capsules. Price per tin, 45 cents, net.

Maggi's Bouillon Capsules come in tins, size $2\frac{3}{4} \times 2\frac{3}{4} \times 1\frac{1}{2}$ ins., containing 10 capsules. Weight, 3 ozs. Price, 35 cents, net.



PEMMICAN

To meet quick demand we carry the very best Pemmican made. This is put up especially for us and we have it in stock ready for delivery.

This will keep indefinitely in all climates.

Two pounds in can.....	\$2.00 net
Six " " "	4.50 net

CRYSTALOSE



Crystallose is a pure drug used largely by physicians, travelers and canning factories in place of cane sugar. One ounce equals in sweetening power one ton of sugar. The taste is pleasant, having none of the disagreeable properties of saccharine, and is the best substitute for sugar. The crystals are uniform in size and come in one ounce screw-top vials.

Price, \$1.00 each, net. Small vials, 25 cents each.

DRIED EGG

Truegg is the desiccated product of whole strictly fresh hens eggs in soluble powder form. It may be used for any purpose for which fresh eggs are ordinarily required. The whites and yolks of the eggs are beaten thoroughly together before the moisture is removed from them by the evaporation process. One pound of Truegg is equal to 4 dozen fresh eggs. One rounding tablespoonful of the powder to two tablespoonfuls of water gives an equivalent of one egg. The powder will dissolve perfectly at once and does not have to stand and soak before using. It makes delicious omelettes or scrambled eggs, and may be used in the preparation of even the most delicate bake-stuffs with just the same results as with fresh eggs.

Its keeping quality is perfect, and no matter how long the sportsman's trip, its flavor is just as delicate and fresh on the last day as on the first. Truegg is always superior to cold storage eggs and is equalled by nothing but new laid eggs. Put up in $\frac{1}{2}$ -pound and $2\frac{1}{2}$ -pound and 5-pound air tight, friction top tin cans, in the same style as Trumilk. Full directions with each can.

	PRICE
$\frac{1}{2}$ -pound cans	\$.75, net
$2\frac{1}{2}$ -pound cans	3.00, net
5 -pound cans	6.00, net

ARMY BREAD

We carry whole wheat U. S. Army Bread, packed in air-tight cans. Very palatable and sustaining.

Tins containing 10 lbs. net.....Price, \$1.00 net.

AETNA SELF-HEATING CAN

This is a new departure in can goods. There is an inner can containing food and an outer can containing a heating material. By puncturing bottom in places indicated, and adding about a wine glassful of water, the action of the water and the chemical generates a great deal of heat which makes very hot the food contained in the inner can. As soon as heated the inner can is opened in the usual manner.



This is a most excellent way to obtain hot food without a flame and is particularly adapted for use on motor boats, automobiling, duck blinds, run ways, yachting and wherever flame is undesired, or where hot food is wanted in five or six minutes.

The following may be had: Soups—Tomato, Mock Turtle, Ox-tail, Consomme, French Bouillon, Julienne, Mutton Broth, Clear Vegetable, Thick Vegetable, Beef, Pea, Clam Chowder, Clam Broth\$0.25 net.
 Chicken, Chicken Consomme, Chicken Gumbo, Mulligatawny.. .30 net.
 Pork and Beans20 net.
 Irish Stew, Beef and Vegetables30 net.
 New England Boiled Dinner, Sauerkraut and Sausage35 net.
 Vienna Sausage, Braised Beef a la Jardiniere, Beef a la mode,
 Beef Burgundy style, Hungarian Goulash, Veal and Green
 Peas40 net.
 Chicken Curry a l'Indienne, Chicken Saute a la Marengo.... .50 net.

COOKING RECIPES FOR FOUR PERSONS

COFFEE—Have the coffee ground fine, place eight heaping dessert spoonfuls in a hot coffee pot, add two quarts of boiling water and set beside the fire for a few minutes. Never boil coffee.

TEA—Place four heaping teaspoonfuls of tea in a hot pot, add two quarts of boiling water, set beside the fire for a few minutes. Never boil tea.

CHOCOLATE—Make a paste with two heaping dessert spoonfuls of milk powder and eight dessert spoonfuls of chocolate (Whitman's) and a little water; add two quarts of boiling water and sweeten to taste.

BISCUIT—Place two pints of flour in bread pan, add two heaping tea spoonfuls of baking powder, one level tea spoonful of salt, some cold pork fat the size of an egg and thoroughly mix while dry; add six heaping dessert spoonfuls of evaporated milk and cold water enough to make as soft a dough as can be rolled on the bread board which has been previously sprinkled with flour. Roll about one-half inch thick and cut into convenient pieces with knife. Place in the greased pan, place the pan in the rack of the baker before the fire. Bake until a fork inserted in a biscuit shows no dough when withdrawn.

BREAD—Make the same as biscuit only thin enough with cold water to pour into a pan and bake in the same manner. This will make two panfuls.

OATMEAL—To two quarts of boiling water add one tea spoonful of salt, then add while stirring two cups of oatmeal and boil for ten minutes.

WHITE SAUCE—Take a piece of butter the size of an egg, melt slowly in the fry pan and stir in thoroughly one heaping dessert spoonful of flour until perfectly smooth; add one-half tea spoonful of salt, one-quarter tea spoonful of pepper, a mixture of six heaping dessert spoonfuls of evaporated milk and one cup of hot water. Mix thoroughly while boiling. Serve with boiled fish.

CORN BREAD—Place one pint of flour and one pint of corn meal in the bread pan, add two heaping tea spoonfuls of baking powder, one level tea spoonful of salt, two dessert spoonfuls of dried egg, one tea spoonful of sugar and cold pork fat the size of an egg. Mix thoroughly while dry. Add six heaping dessert spoonfuls of evaporated milk and cold water enough to make a thick batter, stir until well mixed and pour into the greased pan; place the pan in the rack of the baker and the baker before the fire. Bake until a fork inserted in the bread shows no dough when withdrawn. This makes two panfuls.

GRIDDLE CAKES—Place two pints of flour in bread pan, add two heaping tea spoonfuls of baking powder, one level tea spoonful of salt,

two dessert spoonfuls of dried egg, and thoroughly mix dry. Add six heaping dessert spoonfuls of evaporated milk and cold water enough to make a batter about the consistency of very thick cream or until it pours from the mixing spoon a continuous stream. Be careful not to make the batter too thin. Fry in the fry pan kept greased with a piece of pork fat held on a fork.

BAKED BEANS—Wash two cups of beans and parboil until when placed on a fork or spoon and blown upon their skin suddenly splits, then drain, wash in cold water and drain. Cover the bottom of the bean pot about two inches deep with the beans, then place a piece of salt pork as big as a fist (about one pound) in the center, and pour the rest of the beans around and over. Add one-half tea spoonful of salt, one-quarter tea spoonful of pepper and one dessert spoonful of sugar, then cover with warm water; place a piece of thin cloth over the top and force on the lid. A hole has already been dug in the ground one foot deep and one foot in diameter in which a fire has been burning for several hours and stones made hot. Scrape out the ashes, coals and stones, put in the pot of prepared beans, pack and cover with the hot coals and stones and cover all with earth. Leave for eight or ten hours and in case of rain cover with bark. This is as delicious a dish as is known to woodsmen. A piece of venison added with the pork makes an acceptable variety. A pinch of dried onion is excellent.

FRUIT—Clean one pint of evaporated fruit and put it in two quarts of cold water; add half a cup of sugar and allow to simmer until done. Serve with a little spice. An iron or tin pot will discolor the fruit and spoil its flavor.

JULIENNE—Julienne is a mixture of vegetables cut in strips and dried. It supplies the vegetable acids craved by the human system. It may be used as a plain vegetable in a soup or in a stew. For a vegetable soak a cup of Julienne an hour, drain and boil with two quarts of water and one level tea spoonful of salt until tender; drain and serve with plain seasoning or with white sauce.

JULIENNE SOUP—Boil in two quarts of water one cup of Julienne; add one-half tea spoonful of salt, and a scrap of pork for flavoring, add water as it boils away. In one and one-half hours add four Bouillon Capsules and serve.

STEW—Place one cup of Julienne in two quarts of boiling water, add one dessert spoonful of rice, one dessert spoonful of lentils, a pinch of onion and a half tea spoonful of salt; boil one-half hour, replacing water as it boils away, and add two pounds of venison, moose, rabbit, or of any meat or fowl; use marrow bones if possible and a little pork for seasoning, boil one hour and if desired thicken when done with a paste made of one dessert spoonful of flour and some of the liquor from the stew. A stew is cooked best by slowly boiling and there is less danger of scorching. When taking off the fire add four Bouillon Capsules.

POT ROAST—Parboil Julienne and other vegetables the same as for a stew; add the meat, cover the pot as when baking beans and put it into a prepared bean hole and leave the same as baked beans. Season with pepper and mustard as desired.

PREPARED SOUP—To two quarts of boiling water add one of the soup squares previously broken and made into a paste with warm water and boil ten or fifteen minutes. These squares make a fine soup and are a change from the usual food of the woods.

LENTILS—Wash one cup of lentils in cold water, drain and put in two quarts of boiling water. Add a level teaspoonful of salt. Boil one-half hour or until done, drain and serve with pepper, salt and butter to taste.

ERBSWURST—To two quarts of boiling water add one-third of a package of erbswurst and boil ten to fifteen minutes. This is the celebrated pea meal sausage, the army ration, and is nearly a perfect food containing all the necessary elements except water. Use less water and when cold it can be cut in slices, dipped in flour and fried in pork fat.

RICE GRIDDLE CAKES—In the recipe for griddle cakes substitute one pint of cold boiled rice for one pint of flour and proceed as for griddle cakes. Cold boiled potatoes, oatmeal or hasty pudding may be used in the same manner. If convenient save water in which rice is boiled to make griddle cakes.

BOILED RICE—Thoroughly wash and rinse one cup of rice in cold water, drain and place in at least two quarts of boiling water in an uncovered pot, add two tea spoonfuls of salt and boil hard from twelve to twenty minutes, or, adding water as it boils away until done. New rice boils more quickly than old, test by tasting. When done drain and set on the fire to dry. If convenient save the water for soup, stews or griddle cakes.

HASTY PUDDING—Add one-half tea spoonful of salt to one quart of boiling water, and stir in slowly one cup of corn meal. Boil ten minutes or until done, stirring constantly to prevent scorching.

FRIED MUSH—Prepare as for hasty pudding. Pour into shallow pans and allow to cool; cut into slices and fry in pork fat until brown. Oatmeal may be used in the same way.

CODFISH CAKES—To two pints of mashed potatoes add one-quarter cup of flour and one cup of shredded codfish; the amount of codfish may be changed to suit taste. Thoroughly mix, make into cakes and fry in pork or bacon fat.

CREAMED CODFISH—Prepare two pints of white sauce without salt; while it is boiling stir in one cup of shredded codfish. Serve on toasted biscuit or with mashed potatoes.

POTATOES—Take two cups of dried potatoes and put into three cups of boiling water (be exact), stir while boiling three minutes, add two dessert spoonfuls of evaporated milk, butter, salt and pepper to taste, and you will have as delicious mashed potatoes as can be had from fresh and with much less trouble. Dried potatoes have great advantages over fresh; they are one-twelfth the weight, need no preparation, all waste is eliminated, they do not sprout or rot, and no amount of freezing will injure them.

POTATO CAKES—Prepare the potatoes as above. Mix in one dessert spoonful of flour, moisten slightly, pat into cakes, sprinkle with flour and fry in pork fat.

SWEET POTATOES—These and the rest of the dried vegetables are cooked just as though fresh, bearing in mind that a cup full is enough for two people, and that every bit of these vegetables is edible, all waste having been eliminated. The process is boiling, and the best we can say is to boil until done, which takes from 10 to 20 minutes. No soaking is necessary; they are added to soups and stews just as they are.

TOASTED BISCUIT—Left over biscuit cut open and slightly moistened, placed in the broiler and toasted over hot coals, makes a very acceptable dish.

ROAST MEAT—Prepare a piece of meat, say six pounds, by removing bone and surplus fat and tissue. Place in pan of baker or oven and cover bottom of pan with water. Place several strips of sliced pork over the meat, sprinkle well with flour, pepper and salt. If meat is a little strong or "gamey," a few slices of onion or a sprinkling of dried onions will enhance the flavor. Cook until brown upon one side, basting frequently with the gravy from the pan, then turn and brown on the other side, basting as before.

SOUP—Take about four pounds of the lower leg bones of deer, moose, caribou, sheep, goat, elk, etc. Crack the bones thoroughly so that the marrow will run out. Place all in a large pot, add about two pounds of meat cut in small pieces, a large handful of Julienne, and one of rice, a tea spoonful of salt, some pepper and a few pieces of pork and four quarts of water. Boil slowly until meat is shredded, then add water to make desired quantity necessary.

MUSKRAT—Skin and clean carefully four muskrats, being particular not to rupture musk or gall sac. Take the hind legs and saddles, place in pot with a little water, a little Julienne, salt and pepper and a few slices of pork or bacon. Simmer slowly over fire until half done. Remove to baker, place water from pot in the baking pan and cook until done, basting frequently. This will be found to be a most toothsome dish.

RABBITS—Skin and clean two rabbits. Remove and throw away the head. Cut off legs through body joint. Cut the back into three pieces.

Place in a pot with a little Julienne, some pepper and salt and parboil. To fry, remove from pot, sprinkle with flour and fry in either butter or lard. To roast, place in bake pan, spread a slice of pork on each piece and roast until done, basting frequently.

To stew, leave in the pot, add a table spoonful of rice, the same of beans and of Julienne, and a tea spoonful of dried onions. Boil until the meat separates from the bones, adding water so that the pieces of meat are always covered.

OPOSSUM—Carefully skin and clean one “possum.” Place in a pot with water and parboil. Remove from pot, place in bake pan with a little water, sprinkle with flour, salt and pepper, cover with bacon, and roast until crisp.

TURTLES—The turtle family must be distinguished from the tortoise. We believe all of the turtle family are edible and some of the tortoise family, too.

Kill the turtle or turtles by placing in a pot of boiling water. Remove and cool until it can be handled. Lay on its back and with an axe crack the joint of the bottom shell where it joins the side of the top shell. Pull off bottom shell and remove the entrails and gall bladder. Cut off the head and skin the legs, removing toes and also the outer covering of shell.

Place in a pot of fresh hot water and boil until all meat has left the bones. Remove bones only, and add water for required quantity, a little Julienne, pepper and salt to suit and boil until vegetables are done. If at hand, add a table spoonful of sherry and brandy to each quart.

BOILED FISH—Clean the fish and take off heads, tails and fins, place a small piece of pork inside each, pin in a towel loosely and boil in salted water. Four pounds of fish are sufficient and requires about fifteen minutes to boil. Remove the towel and serve with white sauce.

BROILED FISH—Clean the fish and cut off heads, tails and fins. Open through both belly and back, dry and sprinkle with salt and pepper, lay them in the broiler, and place over the fire until hot and rub with a piece of bacon or pork, repeating until done.

FRIED FISH—Clean the fish and cut off heads, tails and fins. Open through both belly and back, cut out the back bone, dry, sprinkle with salt and pepper, cut into convenient pieces, roll in corn meal and fry in pork fat. Very small fish need only be cleaned and may then be fried or broiled whole.

BROILED MEAT—Lay the cut slices of meat, three-quarters of an inch thick in the broiler and put over the hottest part of the fire for a few minutes until both sides are seared, then withdraw and cook slowly until taste is suited, rare, medium or well done. Salt and pepper while cooking and serve with a little butter.

BROILED BIRDS—Clean by opening on the back, sprinkle with salt and pepper and lay in the broiler, place over a hot fire and when heated through rub with a piece of bacon or pork. Keep repeating this until done.

PORK—Pork is used mostly for its fat and as a flavoring in soups, stews, etc. It should be washed in boiling water to remove salt and fried slowly in a pan.

BACON—Bacon can be either fried or broiled over a slow fire.

GRAVY—Melt a dessert spoonful of pork or bacon fat in the fry pan, rub in a dessert spoonful of flour until smooth and browned. Then add two cups of boiling water and a dash of pepper.

BOILED FRUIT PUDDING—Make half the quantity of dough as given in the recipe for biscuit to which has been added one-half cup of sugar. Roll into a strip six inches wide, and double the thickness of pie crust, spread with fruit sauce, roll up and tie in a cloth, drop into boiling water and keep boiling thirty minutes. Remove the cloth and serve with brandy sauce.

BRANDY SAUCE—Melt together a piece of butter half the size of an egg, one-half cup of sugar, then stir in until smooth a tea spoonful of flour and a pinch of salt. When perfectly smooth add two cups of boiling water; boil for five minutes, remove from the fire and add a dessert spoonful of brandy and a dash of spice.

FRUIT PIE—Mix thoroughly while dry two cups of flour, an even tea spoonful of baking powder, a pinch of salt and a piece of pork fat twice the size of an egg; then stir in one cup of cold water. Roll very thin on the bread board previously sprinkled with flour, cover the bottom of the greased pan with part, fill with fruit sauce and cover with the remaining half. Put in the rack of the baker and bake before the fire.

Wherever in these recipes evaporated milk is called for, dried milk or fresh milk may be used in the following proportions: A dessert spoonful of dried milk equals three dessert spoonfuls of evaporated cream, and fresh milk may be used in the same quantity as water. We advocate the use of evaporated milk on account of its good keeping qualities, greatly condensed form, ease in handling when packing. Where the weight and bulk of evaporated milk is not objectionable, it is recommended as being easier to use and very popular. Condensed milk, owing to the large quantity of sugar contained in it, is not suitable for cooking.

BEAN SOUP—Soak two cups of beans over night. Boil in two quarts of water, add one-half tea spoonful of salt, a pinch of dried onion, several dashes of pepper, a little mustard, half a cup of salt pork diced. Boil three hours, or until the beans are cooked to pieces. Add water as

it boils away, to keep the required quantity. Cooking may be hastened by frequent stirring and mashing the beans against the pot. If the skin of the beans is objectionable, strain; but this sacrifices food value.

DOPE—Place a pound of diced salt pork in the fry pan with water and boil one minute. Pour off the water and fry the pork until nearly brown. Remove the pieces and rub into the hot fat three dessert spoonfuls of flour, a little pepper, allowing the flour to cook in the fat without browning. When perfectly smooth, add one quart of water in which twelve dessert spoonfuls of evaporated milk have been dissolved. Slowly bring to a boil, stirring constantly; add the pork scrap and serve.

This sauce is a palatable way of serving pork, is a good substitute for butter, and is particularly good with griddle cakes.

BOILED PARTRIDGE—Prepare in convenient pieces four pounds of partridge. Boil slowly in two quarts of water and add a teaspoonful of salt, a little Julienne, a pinch of dried onion and two dashes of pepper, filling up with water as it boils away. In about an hour, when nearly done, which can be ascertained by sticking a fork into the meat, add eight pieces of biscuit dough, each about the size of an egg, and boil briskly for twenty minutes, or until done.

BROWN FRICASSEE—Prepare four pounds of any of the grouse family, rabbit, or other small game, in convenient pieces. Sprinkle with salt and pepper, place in a fry pan in which has been melted some pork fat, add a pinch of dried onion, fry slowly and dredge with flour until one heaping dessert spoonful has been used. As soon as the meat and flour are brown, add two cups of hot water, cover and allow to simmer until done.

SCALLOPED FISH—Boil four pounds of fish until it will flake. Prepare a sauce as follows: Melt a piece of butter the size of an egg, add one heaping dessert spoonful of flour and stir until perfectly smooth, taking care not to let it brown. Add two cups of water in which have been dissolved six dessert spoonfuls of evaporated milk, one-half teaspoonful of salt and a little pepper, stirring constantly until it comes to a boil. Place the flaked fish in a serving-pan, cover with sauce and place in the reflecting baker before a hot fire, and brown.

FISH CHOWDER—Prepare four pounds of fish, leaving in the bones. Boil in two quarts of water, one-half cup of Julienne, a tablespoonful of rice, one teaspoonful of salt, a pinch of dried onion and a little pepper. Add hot water, to keep the required quantity as it boils for an hour. Then add two bouillon capsules, one-half cup of diced pork and the fish and boil until all is thoroughly done.

FISH SAUCE—Place a piece of butter, size of an egg, in the fry pan; melt and add two dessert spoonfuls of flour, one-half teaspoonful of salt, a pinch of dried onion, one teaspoonful of mustard and a little

pepper. These must be well rubbed into the melted butter until perfectly smooth and well browned. Add two cups of water in which have been dissolved six dessert spoonfuls of evaporated milk, and bring to a boil.

COOKING IN CLAY—An excellent way to cook birds and fish, where clay can be had, is to cover the bird, unplucked and undrawn, with a coating of clay two inches or more thick. Place in a hot fire and cover with hot coals. In about an hour, when the clay is baked hard, crack it open lengthwise and take out the meat, the skin and feathers will remain, adhering to the clay; open the bird and drop out the entrails. Fish may be done in the same way. This method is equally good with birds and fish previously cleaned.

It must be remembered that boiling and stewing produce better and quicker results if done in a closely-covered pot. Also boiling at a high altitude requires much more time than at sea level, and for convenience and saving of time those foods requiring boiling which cook at lower temperatures should be chosen for mountain trips. In making high ascents food previously boiled should be carried, for they can then be easily made warm and ready for use.

CLOTHING

We have found in each preceding department of outfitting that comfort and satisfaction can be greatly contributed toward and increased by especially made or adapted articles. In the matter of clothing we may safely say that it is of the utmost importance that the conditions of an out-of-door life be considered and appropriate materials and patterns be chosen. Cold and dampness must be kept out with as little of the inconvenience of clothes as possible. The activity of this life debars excessive weight or bulk in clothing. To meet these requirements we have several materials, each with its peculiar merit and qualities that recommend it for certain conditions.

With this end in view we have tried and adopted various garments and materials: Loden, Pontiac, Mackinaw, Swedish Dogskin, Khaki, Gabardine and Duxbak.

Loden, a cloth made by the peasants in the mountain districts of Bavaria, Styria and the Tyrol, from the wool of the mountain sheep, is in point of excellence far and away the best for sportsmen's purposes. It is made rainproof by a special process known only to those sturdy sons of the Alps, the recipe of which is handed down from father to son. It is used almost exclusively in the Alps by guides and tourists, as well as in many other European countries. Naturally, it is well liked and immensely popular, as it is comfortably light, porous and practically impervious to water. In appearance it closely resembles Irish frieze and is largely used for overcoats, knock-about suits and storm garments of various descriptions. It also makes exceedingly serviceable ladies' skirts and jackets.

Pontiac we have in shirts, or lumbermen's smocks, jackets, mittens, gloves, caps and gauntlet gloves. These garments are knitted in one piece and are seamless. The material is raw wool, Oxford gray in color, is thoroughly shrunk under live steam and then carded or fulled so as to resemble cloth. It is light in weight, soft to the touch, easy and comfortable to wear, and very warm. This method of treatment makes the garment withstand a tremendous amount of rain before wetting through.

Mackinaw, almost exclusively used for clothing by the rivermen and "lumber-jacks" of the North and Northwest, is probably the toughest, most durable material used for this purpose. In appearance it is a soft rough, woolly cloth, and in texture is similar to very heavy blanketing. It is exceedingly warm and yet very light in weight, and is, to all intents and purposes, quite waterproof, while its softness and great strength make it very desirable for still-hunting clothes.

Khaki is a fine yarn, close woven twill cotton goods, too well known to require any detailed description. Its almost universal use by military forces throughout the world for summer equipment and the constantly increasing demand for it by sportmen prove conclusively its great value for warm weather clothing. Naturally there are several grades and qualities of khaki upon the market, but we use only the U. S. Government Standard, tan in color and will not fade.

Swedish Dogskin has lately sprung into great favor for a variety of uses, and its popularity is well deserved. It is beautiful in appearance, as soft as chamois and exceedingly strong and durable. Perfectly wind-proof, very light in weight, and of such pliable texture that it permits of perfect freedom of movement.

Moleskin is an imported English cotton cloth, in color and texture very much resembling the hairy skin of a mole, from which it takes its name. It makes excellent clothing for miners, explorers and prospectors.

Gabardine is the closest woven, finest appearing cotton twill we have ever seen. Made by "Burberry's, London." This product, for comfort and convenience of sportsmen is far superior to others, by reason that it is rendered rainproof in the yarn, and on account of its perfect natural self-ventilation.

Burberry Yarn Proof has the non-absorbent ingredient in every fibre, and combines the three essentials of a perfect garment, where warmth is not a factor.

For spring fishing, for the summer camp, for the yachting cruise, for the traveler, and especially for ladies, under all conditions, it is without equal. It comes in tans, grays and neutral shades.

We also use other materials—corduroy, heavy leather, canvas, skins, etc. In making these materials into garments the greatest care is exercised in every detail, the cutting is done by an experienced cutter from measurements taken by us or made according to the directions on the self-measurement blanks furnished upon request. Every branch of the manufacture is carried on under our personal supervision. The furnishings and the finish are of the best.

In other words, our garments are of the best materials, trimmings, and workmanship. **WE GUARANTEE OUR GOODS.** Personal experience in out-of-door life has given us a knowledge of the camper's wants, and we claim that our garments are made on practical lines, at the same time we recognize individual taste and will be glad to carry out any specification given us and adhere to prevailing fashions.

Our oilskins are the best to be had and we guarantee them not to heat or stick, and will replace any garment sent us in this condition within a year from purchase.

Our socks are all-wool, in different weights, which experience has taught us to be the best for the woods.



OUTING GARMENTS TO ORDER

We have lately opened a department devoted exclusively to the manufacture of outing garments. We guarantee every garment designed and made by us to give absolute satisfaction as to style and workmanship. This department will be devoted to the making of garments for hunting, fishing, automobiling, yachting, exploring, riding, or any other special out-door use, for both men and women. We carry a large line of materials in stock, of which we will gladly send samples and self-measurement blanks to any parties interested, but prefer to take our own measurements when possible. Owing to the great range of materials, different designs, quality of lining, and finish, etc., etc., we can only quote exact prices upon application.

RANGE OF PRICES FOR MEN'S GARMENTS

Suits	\$25.00 to \$90.00
Coats	15.00 " 50.00
Trousers	8.00 " 30.00
Vests	7.50 " 21.00
Automobile overcoats	50.00 " 100.00

WOMEN'S GARMENTS

Suits	\$22.50 to \$90.00
Jackets	17.50 " 50.00
Skirts	12.00 " 40.00
Riding Skirts	18.00 " 50.00
Divided Skirts	15.00 " 40.00
Knickerbockers	8.00 " 25.00

We will gladly send styles, samples and quotations upon request. In writing state purpose for which the garment is to be made, the kind of material desired, the quality of lining, whether Burberry, wool, serge, silk or satin; also whether skeleton, half or full lining.



READY MADE CLOTHING

We carry a full stock of ready made clothing in Pine Tree, Mackinaw, Pontiac, Khaki and Swedish Dogskin. We also carry a line of water-proof clothing in rubber, Duxbak, etc., etc. All of our stock clothing is of the best design, workmanship and material.

PINE TREE CLOTHING

This cloth is made of ALL-WOOL LONG FLEECE. The width of the cloth knitted is 108 inches; it is then placed in hot soap and water, washed and shrunk to a width of 56 inches. The best cloth we have ever seen for rough out-door uses. In two shades, natural wool and Oxford gray.

Coats, all sizes	\$7.00 ea. net.
Long Trousers, all sizes	6.00 ea. net.
Knickerbockers, all sizes	5.00 ea. net.

MACKINAW

We have greatly improved our Mackinaw garments, both in material and design. Our hunting coats and trousers are made in 40 ounce, dead grass color, very large pockets, double breasted, with 8-inch roll collar, unlined, very warm and the best color for a duck blind. Trousers are long, semi-riding, with tie-string at the bottom.

Mackinaw Hunting Coats	Price \$10.00 ea. net.
Mackinaw Hunting Trousers	Price 8.00 ea. net.

KHAKI

All our Khaki clothing is made of U. S. Government Standard Khaki, guaranteed fast color.

Hunting Coats, weight about 2¾ lbs.....	Price \$6.00 ea. net.
Sleeveless Hunting Coats, 1¾ lbs.....	Price 2.75 ea. net.
Fishing or Sack Coats, 2 lbs.....	Price 5.00 ea. net.
Long Trousers, 1¾ lbs.....	Price 3.00 ea. net.
Riding Trousers, laced below knee, 1½ lbs.....	Price, 3.50 ea. net.
Cartridge Vests, all loops double stitched and spaced, weight 1¼ lbs.....	Price, 2.75 ea. net.
Hats, see page 121.	

DUXBAK

This clothing has lately come into considerable prominence. It is a good grade of canvas, treated with a cravanetting process, rendering it semi-waterproof. All coats are lined with the same material; all garments are reinforced where they are liable to receive most wear. Color olive green.

Hunting Coats	Price \$5.00 ea. net.
Long Trousers	Price 3.00 ea. net.
Knickerbockers	Price 3.50 ea. net.
Women's Coats	Price 5.00 ea. net.
Women's Skirts	Price, 4.00 ea. net.
Hats and Caps, see page 121.	

PONCHOS

Ponchos are probably as useful a garment as is made for outdoor purposes. We will make them without slit for use as a plain blanket. The price will be the same.

Fantasote sheeting, weight $3\frac{1}{2}$ lbs., size 72x84..... Price, \$4.50 net.

RUBBER SHIRTS

This shirt is made of the very best quality of rubber sheeting, in tan or black. Made amply large to fit anyone. Has tight-fitting elastic wrist bands, draw string at neck, and altogether makes an ideal waterproof garment, as protection against rain in any climate. They are light, comfortable, will keep you dry in stormy weather, and roll up into a very small package. Weight, 36 ozs.

Black rubber, Price..\$5.50 net

Tan rubber, Price.... 9.00 net



RUBBER HOODS

For use with rubber shirts mentioned above or any other waterproof garment. Can be folded, slipped into the pocket and carried anywhere. Weight, $5\frac{1}{2}$ ozs. Price, Black Rubber, \$1.25 net. Tan Rubber, \$2.00 net.



FEATHERWEIGHT OILSKINS

A new oilskin, very light in color, waterproofed by a new process which gives a glossy finish and a surface free from wrinkles, therefore better fitting and neater in appearance than any other oiled garment ever placed upon the market.

Corduroy collars, hand sewed ivory buttons. The long coats for ladies embody all these features. Every garment guaranteed waterproof.

Men's Yachting Coats, long; weight 4 lbs.....	\$4.00
Men's Yachting Coats, medium long; weight 3 lbs.....	3.00
Men's Yachting Suits; weight 3½ lbs.....	4.00
Women's Yachting Long Coats; weight 2½ lbs.....	4.00
Women's Yachting Suits (Jacket and Skirt)	5.00
Automobile Frocks; weight 2 lbs.....	6.00
Soft Hats, silk lined; weight 6 oz.....	1.00
Naval Officers' Long Coat, Black, leather worked button holes.....	6.50

OILSKINS

We have oilskins of a very superior quality in both black and yellow, made of the very best materials and doubled throughout so that no better garment of its kind is made. Made in four sizes: Small, medium, large and extra large. The coats are double-breasted and have an extra storm flap. We guarantee these goods to be soft and pliable and never to heat and stick. These goods must not be confounded with the cheap and vastly inferior grade with which the market is overrun.

Short Coats; weight, 3 lbs. Price.....	\$1.75 net.
Long coats; weight, 5 lbs. Price.....	3.50 net.
Saddle slickers; weight, 6 lbs. Price (black only).....	4.25 net.
Overall trousers; weight, 3 lbs. Price.....	1.75 net.
Hats (southwester); weight, ¼ lb. Price.....	.75 net.

LEATHER CLOTHING

All our dogskin clothing is made of the best quality Swedish Dogskin, light tan in color. We use nothing but perfect skins.

Hunting Coat, lined with best grade U. S. Government Khaki, weight $3\frac{1}{4}$ lbs.....Price, \$11.25 net.
 Fishing or Sack Coat, double breasted, red flannel lined, weight $2\frac{3}{4}$ lbsPrice, \$13.25 net.
 Vests, lined with red flannel, weight 1 lb.....Price, 6.25 net.
 Trousers made to order onlyPrice, 15.00 net.

PONTIAC COATS

We carry all sizes of chest measurement in plain coats. Also semi-Norfolk coats, reinforced on shoulders, with large pockets and wide collar.

Plain Coats, color light Oxford, weight $2\frac{1}{4}$ lbs.....\$3.00 net.
 Norfolk Coats, color light Oxford, weight $3\frac{1}{2}$ lbs..... 5.00 net.



KNITTED JACKET

This garment is made to wear in place of a vest; and having sleeves, can be used as an outer garment. Made of the very best material. Grey in color. Weight 24 ozs. Price, \$5.00 net. Same as above, best grade with good sized pockets. Weight 3 lbsPrice, \$6.00 net.

WOMEN'S BLOUSE

Many women prefer a looser garment than ordinary sweaters and one that is easier put on and taken off. For such we supply this knitted blouse which fits snugly only around the waist and at wrists. Grey in color. Weight 15 ozsPrice, \$5.00 net.



SHIRTS .



The difficulty that our customers have had in procuring flannel shirts suitable to their needs has prompted us to manufacture a shirt that is light, warm, comfortable, and of good material—well made. These shirts are made large and free, with two large Stanley pockets, each with flap and button. In ordering state size of collar ordinarily worn. All sizes carried in stock.

Grey American Flannel, weight 1 lb., \$2.50 net.

Grey Knit Woolen, weight 1 lb., \$3.25 net.

Grey French Flannel, weight 1 lb., \$4.00 net.

Navy Blue French Flannel, weight 1 lb., \$4.00 net.

In addition to above shirts, we are carrying the very finest quality best made Khaki flannel shirts guaranteed not to shrink.

Weight 1 lb. Price, \$6.00.

New U. S. A. cloth shirts, Khaki color, finest grade, all wool. Price \$7.50 net.

Pontiac shirts, one plain breast pocket, 1½ lbs. Price, \$2.50 net.

SWEATERS

We wish to call attention to our genuine "Shaker" sweater. These goods must not be confused with the ordinary wool sweaters usually sold, as they are made from the best long-fibre worsted yarn, extra high neck, sleeves looped in by hand and reinforced at shoulder. Oxford grey, white and navy blue colors in stock. Other colors made to order. Weight, 2½ lbs.

Price, \$6.00 net.

We also carry an excellent dead-grass color, wool shooting sweater. Weight, 1½ lbs. Price, \$3.50 net.

BATHING SUITS

Many persons use this suit as a canoe costume as well as a bathing suit. Made of very fine worsted in the best manner. They come in two pieces for each suit, and in two weights—the light weight in grey and the heavy weight in blue. In comparing prices please remember these suits are fine quality and make.

Grey weighs 9½ ounces per suit. Price, \$3.00 net.

Blue weighs 14½ ounces per suit. Price, 4.00 net.

SOCKS AND STOCKINGS



Good woolen stockings adapted to the needs of men and women living out of doors are difficult to find in the American market. We have them specially made of all wool, coarse yarn of good staple. The legs are ribbed and the feet loose and open to allow plenty of air space about the foot.



Grey men's socks, medium weight, $2\frac{3}{4}$ oz., per pair 50c. net.

Grey men's socks, heavy, weight $5\frac{1}{2}$ oz., per pair 50c. net.

Grey men's long stockings, weight 8 oz., per pair.....\$1.00 net.

Women's long stockings, black, 4 oz., per pair, all sizes....\$1.00 net.

Hand-made Knitted Socks, steel grey, per pair.....\$1.00 net.

Hand-knitted extra long, extra heavy Stockings, 32 inches from toe to top, per pair 3.00 net.

These last stockings are the finest that can be made, and come well up above the knee.

GERMAN SOCKS

This sock is intended to be worn with moccasins, or leather top shoes, in the snow or during extreme cold weather. These socks must not be confused with the ordinary felt sock usually sold. German socks are far superior in comfort and lasting qualities. Excellent for snow-shoeing. Very heavy wool, double knit. Weight, per pair, 1 lb. Price, \$1.50 net.



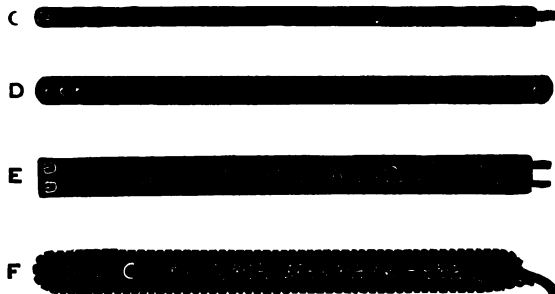
BED SOCKS

These bed socks are made to keep the feet warm at night. They are of camel's hair wool and a great comfort to sufferers with cold feet at night. Weight, 4 oz.

Per pair, net, \$2.25.



LEATHER HAT BANDS



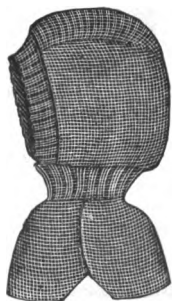
- C Pressed Leather, $\frac{7}{8}$ in. wide, with strap and buckle.....\$0.25 net.
 D Best Pressed Leather, $1\frac{1}{4}$ in. wide, with snap buttons..... .35 net.
 E Finest Embossed Leather, 2 in. wide, 2 straps and buckle... 1.50 net.
 F Finest Embossed Leather, 2 in. wide, rings and cinch..... 1.75 net.

TOQUES

All our Toques are made of the very best all wool yarn.

- No. 1. Red and Grey, weight $3\frac{7}{8}$ ozs.....Price, \$0.75 net.
 No. 2. Blue, weight $3\frac{7}{8}$ ozs.....Price, .75 net.
 No. 3. Red and White, weight $3\frac{1}{2}$ ozs.....Price, .75 net.
 No. 4. Blue, weight $3\frac{1}{2}$ ozs.....Price, .75 net.
 No. 5. All Grey, weight $6\frac{1}{4}$ ozs.....Price, 1.50 net.

HUNTING HOOD



These hoods are made of camel's hair wool, and in the wind or used as a nightcap on a cold night are most useful.

They are particularly valuable on winter snowshoe trips or in the frigid North.

Weight, 3 oz.

Price, \$1.50 net.

HATS



The cut shows the best hat for rough work we have yet seen. All sizes carried in stock. Natural color, nutria sides, lace above brim to tie under, cowboy style. Weight 5 oz.

Price, \$3.50 net.

WINDSOR SHOOTING HAT

Made of corduroy with folding flap. Price, \$1.00.

Made of Mackinaw, very warm and serviceable. Price, \$1.50 net.



WINDSOR

KHAKI HAT



This style of hat and material is often used by both men and women. Makes a good shade hat. Weighs 4 ouncesPrice, 75c. net.

STANLEY HELMETS

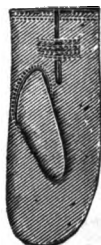
Best quality Pith Helmets. Pongee silk covered. Best head covering for very hot countries. Weight, $4\frac{1}{2}$ ozs.....Price. \$3.00

PONTIAC CAPS

Very warm; can be pulled down like visor covering entire head, except small opening under peak for eyes. Color Oxford. Weight 5 oz. Price, \$1.50 net.

DUXBAK HATS

Duxbak Hat, Boston style, all sizes, best for fishing; weight $3\frac{1}{2}$ oz.....Price, \$1.00 net.
Duxbak Cape Cap, best for hunting, all sizes; weight $5\frac{3}{4}$ ozsPrice, 1.25 net.



MEN'S BUCKSKIN LINED MITTS

Brown in color. Fleece lined.

Weight 5 ozs. per pair. Price, \$2.50 net.

MEN'S BUCKSKIN LINED MITTS

Color natural buckskin.

Weight 5 ozs. per pair. Price, \$1.75 net.

BUCKSKIN MITTS

Made extra wide, to be worn over a gloved hand as
extra protection.

A most useful article.

Weight 7 ozs. per pair. Price, \$1.50 pr.



PONTIAC GLOVES AND MITTS



Pontiac gloves; weight,
 $\frac{1}{4}$ lb.; \$0.60 net.

Pontiac mitts; weight,
 $\frac{1}{4}$ lb.; \$0.50 net.

Fingered mitts weigh
 $\frac{1}{4}$ lb. Price, \$0.60 net.



We also supply Scotch knit wool mitts somewhat lighter in weight than the Pontiac gloves and not quite as durable, but a very comfortable and warm mitt. Weight, 2 oz.

Price, per pair, 75c. net.

Pontiac Double mitts with rubber between, waterproof and very warm, weight $13\frac{1}{4}$ oz. Price, \$1.25 net.

LEATHER GLOVES

MEN'S HORSE HIDE GAUNTLET

Natural buckskin color.

Weight 7 ozs. per pair. Price, \$1.75 net.

Glove (without gauntlet)

Weight 5 ozs. per pair. Price, \$1.50.

Glove (without gauntlet). Light brown in color.

Weight 5 ozs. per pair. Price, \$1.50.



The cut illustrates leather gloves made of a peculiarly tanned leather, pliable, durable and able to withstand a great degree of heat, water and severe wear. They can be washed when soiled and yet retain their original strength and softness.

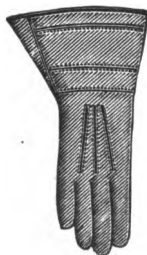
Gloves, weight 6 ozs. Price, per pair, \$1.75 net.



WOMEN'S BUCKSKIN GAUNTLET

Light grey in color.

Weight 4 ozs. per pair. Price, \$2.00 net.





LEGGINS



PATENT PENDING.

New Canvas Puttees, color Lincoln green, high grade waterproof canvas, four steel stays keep leggin in shape; very easily adjusted; retains its shape. One of the best leggins we have ever seen.

Weight 15 ozs. Price, \$1.50 per pair.

LEGGINS

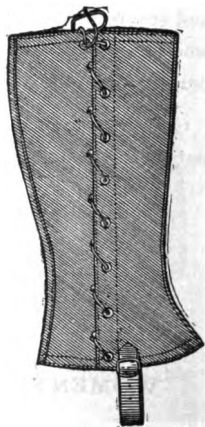
These leggins are made in regulation army style, which we believe to be the best form. Made for both men and women. For measurements give size of calf and ankle.

Pantosote; weight, $\frac{1}{2}$ lb.; per pair.....\$1.00 net.



RIDING LEGGINS

These leggins are made over a form, of one piece of leather, puttee style, accurately shaped to the leg, without any seam in back. The best quality made.

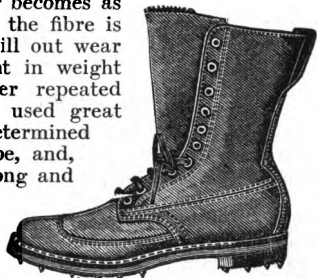


Imitation pigskin	\$5.00 net.
Russet leather	5.00 net.
Genuine pigskin	7.50 net.



BOOTS AND SHOES

Our shoes for Hunters, Fishermen, Prospectors, Surveyors, and Mountaineers are made of the very best grade of drab colored Kip. By a new process of tanning, this leather becomes as soft and pliable as a kid glove, and yet the fibre is rendered so tough and durable that it will out wear any other leather. It is extremely light in weight and *will not harden* or dry stiff after repeated wettings. In the manufacture we have used great care and tried numerous experiments, determined to produce a thoroughly waterproof shoe, and, at the same time, one that was light, strong and comfortable. By our selection of material and a peculiar method of making, we have succeeded in every way, and are able to offer a shoe which we guarantee in all respects.



HUNTING BOOT

Each piece in the sole runs entire from toe to heel, allowing all stitches to be of uniform length, thus doing away entirely with the *old-style cut* "slip-sole," which invariably started to leak at the hinge of the sole.

This slip-sole is of rawhide, which is impervious to water; next is the outsole of horsehide, which imparts an easy, springy action to the shoe. The outsole is studded with conical hob-nails of soft steel, which are driven through the sole and clinched before the sole is put on; *these nails will not tear out*, and they afford a firm, secure grip at all times. The vamp is calfskin lined, has heavy box toe and is reinforced over toe and on the side, giving extra protection to the foot and great strength to the shoe. Has extension soles and large nickel eyelets.

HUNTER'S, PROSPECTOR'S, SURVEYOR'S BOOTS

7 ins. high, weight $2\frac{1}{2}$ lbs. Price, \$8.00 net.

12 ins. high, weight 3 lbs. Price, 8.50 net.

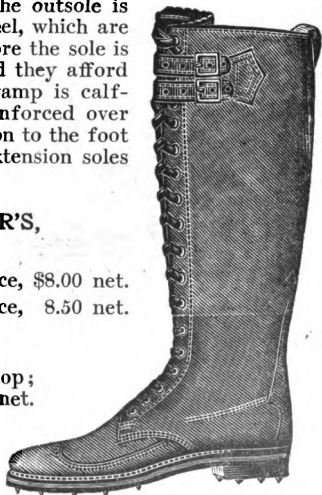
KNEE BOOTS

17 ins. high, wide two-buckle strap at top;
weight, 3 1-3 lbs. Price, \$11.00 net.

Swiss hob-nails, extra large, imported, per dozen. 50c.

Conical hob-nails, soft steel, per dozen 5c.

All shoes made to order, \$1.50 extra.



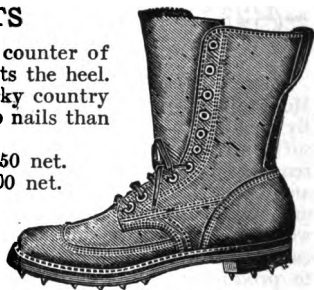
PROSPECTOR'S BOOT

MOUNTAINEER'S BOOTS

In this boot we have added an outside counter of stiff sole leather which thoroughly protects the heel. For mountain climbing and in rough, rocky country it is the best shoe made. Has heavier hob nails than the hunting shoe.

7 ins. high, weight $2\frac{7}{8}$ lbs....Price, \$8.50 net.

12 ins. high, weight $3\frac{1}{2}$ lbs....Price, 9.00 net.



MOUNTAINEER'S BOOT.

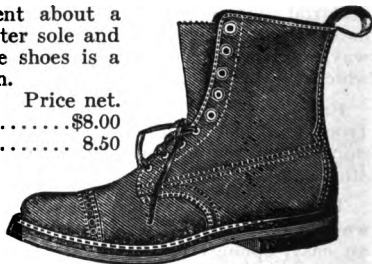
FISHING SHOE

This is a shoe like our hunting boot, but made without the hob nails or the reinforcement along the sides. This shoe is as waterproof as a leather shoe can be made and is excellent about a canoe or boat. Has oak leather outer sole and rawhide slip sole. Either of these shoes is a fine wet weather shoe around town.

Price net.

Made 8 ins. high, weighs $2\frac{3}{8}$ lbs.....\$8.00

Made 12 ins. high, weighs $2\frac{7}{8}$ lbs..... 8.50



FISHING SHOE

MOCCASIN SHOE

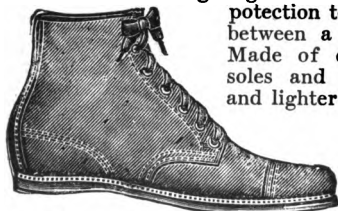
Many sportsmen desire a shoe that is light and pliable, and who object to moccasins on account of their thin sole not giving sufficient

protection to the foot. This shoe just fills the gap between a heavy hunting shoe and a moccasin. Made of drab colored calfskin, with horsehide soles and without heel. Perfectly comfortable and lighter and easier than a moccasin.

Weight, $1\frac{1}{2}$ lbs.

Price, \$5.50 net.

With heels, 50c. extra.

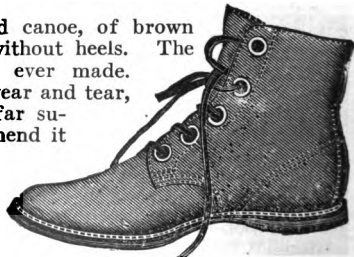


CAMPING SHOE

Made expressly for the camp and canoe, of brown buckskin, with horsehide soles and without heels. The lightest and most comfortable shoe ever made. Will stand a tremendous amount of wear and tear, and is unaffected by water. It is far superior to a moccasin, and we recommend it for all purposes where the latter is used, except still hunting and snow-shoeing. Weight, $1\frac{1}{2}$ lbs.

Price, \$5.50 net.

All shoes made to order, \$1.50 extra.

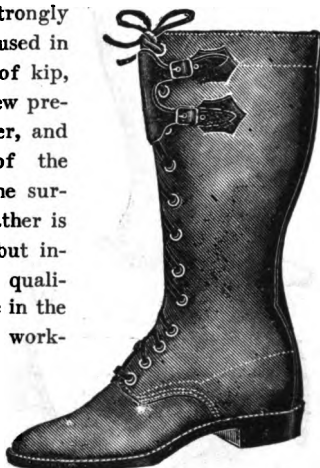


CAMPING SHOE



WATERPROOF SHOES

We have this year added a very strongly made and waterproof shoe. The leather used in the upper being a special tan waterproof kip, very strong and tough, treated with a new preparation which has great adhesive power, and enters permanently into the pores of the leather, and which turns water from the surface. The substance with which this leather is treated in no way injures the leather, but increases both its pliability and wearing qualities. It is the best shoe for constant use in the water that we know of. Material and workmanship are the best obtainable; soles both pegged and sewed, blucher style, large eyelets, plain toe. We carry this shoe in two heights.

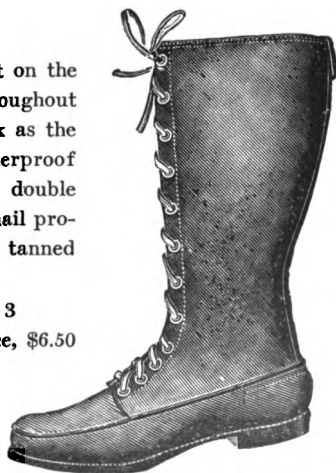


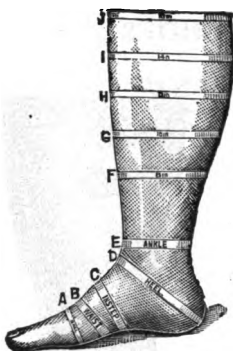
- 16 inches high, laced to top, strap at top; guaranteed waterproof; weight, 4 lbs.....Price, \$7.50
 12 inches high, lace to top; weight, 3 lbs.....Price, 6.00

CRUISERS

This style of shoe is an improvement on the Bott Savage, or shoe pack, known throughout Canada. It is made of the same stock as the shoe described above. It is a waterproof moccasin with a sole sewed on with a double row of stitching, and a very small hob nail projecting 1-32 of an inch in a hemlock tanned sole. Carried in three heights.

- 15 inches high, lace to top; weight, 3 lbs.Price, \$6.50
 9 inches high, lace to top, weight 2½ lbsPrice, 5.00
 Low Indian Moccasin Style, weight 1¼ lbs.....Price, 2.75





INSTRUCTIONS FOR SELF-MEASUREMENT

While standing place the foot on a blank sheet of paper and draw a pencil line around to give the natural shape of the foot; then, while in a sitting position, draw a tape measure, neither tight nor loose, around and give measurement of each part of the foot, as per diagram; also state height of boot and mention the size and width usually worn.

WADING SHOE



This wading shoe is patented. Opens all the way to the toe, so the user's foot can be set down in the shoe—doing away with the necessity of drawing the shoe over the stockinged foot. Made of the best heavy canvas reinforced by chrome-leather; heavy hob-nailed; the sole sewed on and nailed with

patent clinch nails, making the most serviceable shoe on the market, as well as the most easily managed. All sizes supplied. Weight, $3\frac{1}{4}$ lbs. Price, per pair, \$5.50 net.

FELT SHOE

Made entirely of felt and much used in the Klondike and Arctic regions. It is the warmest shoe made. Adapted for use in dry snow and very cold weather. Excellent for sleighing, ice-boating, automobiling, etc.

Weight, $1\frac{3}{4}$ lbs.; 7 ins. high.

Price, \$5.00 net.

All shoes made to order, \$1.50 extra.





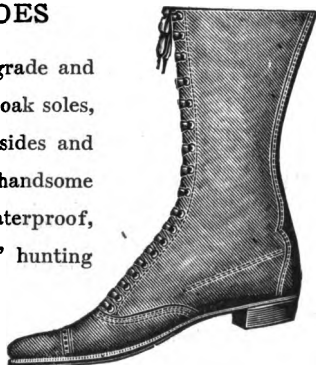
WOMEN'S SHOES

A suitable hunting, fishing or outing shoe for women has heretofore always been difficult to furnish.

We have taken the matter in hand and have made, over special women's lasts, a shoe that is strength, beauty and perfection itself. *These shoes fit.*

WOMEN'S HUNTING SHOES

Made of drab colored calfskin, same grade and quality as our men's shoes, but with light oak soles, without the heavy reinforcement at the sides and without hob-nails. It is an extremely handsome shoe, light, easy fitting and absolutely waterproof, and we claim it to be the finest ladies' hunting shoe made.



12 ins. high; weight, $1\frac{3}{4}$ lbs.....Price, \$8.00 net.

16 ins. high; weight, 2 lbs.....Price, 10.00 net.

MOCCASIN SHOE FOR WOMEN

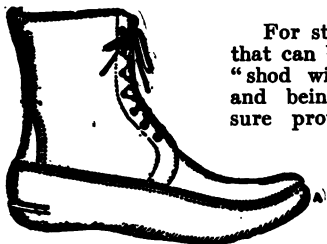
Our moccasin shoe for men, described on page 126 became so popular, we at once made them up for women—the only change besides the last is that they are all made with heels.

Weight, 1 lb.....Price, \$6.00 net.



All shoes made to order, \$1.50 extra.

WATERPROOF MOCCASINS



For still hunting a moccasin is the only thing that can be worn in which one may be said to be "shod with silence." They are perfectly easy and being made with double bottoms are a sure protection to the foot. In them, with two or three pairs of woolen socks, the feet will be always warm, their flexibility allows the foot natural play, which keeps the blood in circulation. They are made of a leather especially prepared for the purpose.

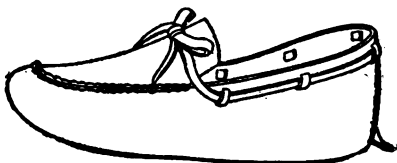
The double bottom consists of an outer piece of leather coming up to the upper, but not included in the seam.

Weight, about 2 lb. Price, \$4.25 net.

INDIAN MOCCASIN

This moccasin is the regular style such as Indians use for still-hunting and snowshoeing. Single bottom, and the kind mostly used. Made of leather especially prepared for the purpose for us.

Weight, 1 lb.



Price, \$1.75 net.

ELK SKIN MOCCASINS



This high-cut moccasin is the best buckskin moccasin we have ever seen made on a good last, and is an excellent shoe for around the house or in permanent camps in dry places, also is intended as a snowshoe moccasin.

Men's sizes, 6 to 12,
Price, \$3.25 net.

Women's sizes, 3 to 7,
Price, \$3.00 net.

Youths' sizes, 11 to 2,
Price, \$2.50 net.

Children's sizes, 6 to 10,
Price, \$2.00 net.

BOOT GREASE

Every one who has tramped in the woods knows the value of a really good boot grease. After careful study and experiment we have prepared an article we know is the best of its kind and one we recommend highly. It is a plastic grease that is easily applied and which will render leather soft, pliable and waterproof. It is packed in pressed tin boxes, $1\frac{1}{2}$ in. deep and $3\frac{1}{2}$ in. in diameter, and weighs 8 oz., containing enough to grease an ordinary pair of moccasins or shoes at least twenty times.



Price, 25 cents per can.

VISCOL

For those who prefer a liquid dressing we carry Viscol, the best preparation made for shoes.

$\frac{1}{2}$ pint cans, 25 cents; $1\frac{1}{2}$ pint cans, 50 cents; 1 gallon cans, \$1.50.

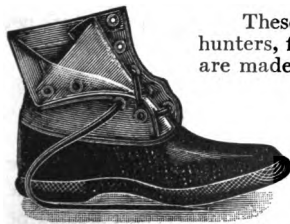
ELK SKIN SLIPPERS

This is same quality as above, but low-cut and trimmed with otter.



Men's sizes, 6 to 12.....	Price, \$2.50 net.
Women's sizes, 3 to 7.....	Price, 2.25 net.
Youths' sizes, 11 to 2.....	Price, 1.75 net.
Children's sizes, 6 to 10.....	Price, 1.50 net.
Infants' sizes, 1 to 5.....	Price, 1.25 net.

LEATHER TOP RUBBER SHOES



These shoes are made especially for woodsmen, hunters, fishermen and trappers. The soles and vamps are made of a fine quality of canvas and rubber; the uppers, with bellows tongue, are made of chrome-tanned hide firmly fastened to the vamps.

It makes an absolutely waterproof, durable, easy and noiseless footgear. Excellent for still-hunting.

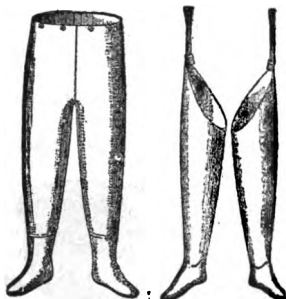
For long and continuous tramping over wet and rough country and in snow it is an excellent shoe.
Made 8 inches high; weighs —.....Price, \$4.25.



RUBBER BOOTS

Made of the very best quality rubber, with light legs and strong, durable and serviceable bottoms or feet. Can be rolled up and carried in the pocket. the very best that can be made. We recommend this as the proper boot for surf casting, shore fishing and duck hunting. Will outlast the heavier boots usually sold. Made in all sizes. Made 30 ins. high. Weight, 3 lbs. Price, \$6.50 net.

WADING STOCKINGS AND PANTS



These wading stockings and pants are made of pure rubber and are the very best of their kind. We also make them to order. For measurement send size of shoe, waist, hips and inseams.

Mackintosh wading leggins, leather soles, with or without hob nails, guaranteed not to leak, Price \$14.50.

Mackintosh wading pants, leather soles, with or without hob nails, guaranteed not to leak, Price \$18.50.

	With Stocking Feet		With Rubber Boot Feet, Cork or Rubber Soles	
	Weight	Price	Weight	Price
Stockings, Black Rubber....	2 $\frac{1}{4}$ lbs	\$3.75 net	5 lbs	
Pants, Black Rubber	3 $\frac{1}{4}$ lbs	5.75 net	6 $\frac{1}{2}$ lbs	
Stockings, Macintosh	2 $\frac{1}{2}$ lbs	7.50 net	4 lbs	10.00 net
Pants, Mackintosh	4 $\frac{3}{4}$ lbs	10.00 net	6 $\frac{1}{2}$ lbs	14.00 net

MOLESKIN WADERS

DRAB COLOR TO ORDER ONLY.

Pants, rubber or cork sole.....	\$18.00 net.
Stockings, rubber or cork sole	13.00 net.
Pants, stocking feet	15.00 net.
Stockings, stocking feet	10.00 net.
Pockets, extra	2.00 net.



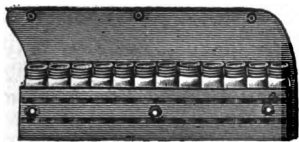
MEDICINES

The medicine kit should be provided with such universal remedies as brandy, some bandages, absorbent cotton, adhesive plaster, compound cathartic tablets, cholera mixture tablets, quinine, phenacetine, mustard and belladonna plasters. Each individual should consult his own peculiarities and take what remedies he is most likely to need. In case of a wound or cut, remember that cleaning with hot water and a pure soap is sufficient antiseptic treatment. In season carry fly ointment.

MEDICINE CASES



No. 1. Fine quality, sole leather, containing 12 one-ounce bottles, six in a row. Has zinc-lined compartment in base, 2x2x7 ins., to hold syringe, bandages, etc. Size, 6x7x2 $\frac{1}{4}$ ins. Weight, 21 ozs. Price, \$3.50.



It is the part of prudence to take certain simple medical remedies on a camping trip, and we make a sole leather case fitted with corked and screw-top bottles for this purpose.

No. 2. Case and 12 one-ounce bottles weigh 14 ozs.....Price, \$2.00 net.

No. 3. Case and 6 one-ounce bottles weigh 7 ozs.....Price, 1.00 net.

HOT WATER BOTTLE

A hot water bottle is at times as good as medicine, and, as we have said elsewhere, is equal to an extra blanket on a cold night. These are made for us of the very best quality of rubber and larger than the general size.

Capacity, 4 quarts; weight, 14 ounces; \$1.50 net.





CLINICAL THERMOMETER

Taylor Brothers' Celebrated "One Minute" Thermometer, the finest made. Every one guaranteed and *certified*. Each thermometer is numbered and accompanied by certificate. Has magnifying lens for quick reading. In hard rubber case with flattened finger grasp.

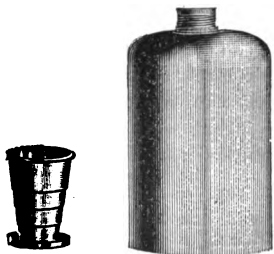
Price, \$1.50 net.

EMERGENCY WOUND CLIP

No matter how careful one may be, "Accidents will happen," and when in the woods the slip of a knife or an awkward mis-stroke with an axe will often result in an ugly gash that needs the surgeon's aid. With this kit in your possession, a little disinfectant and some antiseptic dressing, conveniently carried in one of our medicine cases, one is prepared to cope successfully with even very severe injuries. Put up in a neat little case, $1\frac{1}{2} \times 5\frac{1}{2}$ ins. Weight, 5 oz.

Price, \$3.50 net.

POCKET FLASKS



We here show what we consider the best flask made. Made entirely of metal quadruple silver plate. We indorse it without reserve as the best flask of its kind. The top is used as a dram cup. Capacity, one pint.

Weights 11 oz. Price, \$4.50 net

GLASS FLASKS

Glass, pigskin cover. Screw top. Metal fastened instead of cement. Leakage impossible. A fine flask in every respect. Metal cover on bottom for cup. One-half pint, \$1.50. Pint, \$2.00. Quart, \$2.50.





HYPODERMIC SYRINGE

An indispensable part of a properly equipped medicine kit. Very fine quality, in aluminum pocket case, with felt cover, and carries four vials and two needle points. Has graduated piston. Carries nicely in our special medicine case.

Weight, 3 ounces. Price, \$1.75 net.



Box Case

Many prefer the style of case known as the Red Cross Case, made in nickel, very strong, carries six vials and two needle points, graduated piston, glass cylinder.

Red Cross Case; weight, 4 ozs.....Price, \$2.25 net.

THE USE OF THE HYPODERMIC SYRINGE

Realizing the great importance of carrying a hypodermic outfit on every exploring, prospecting, hunting or fishing trip, where one goes far from civilization, and also realizing the lack of available information as to its use, we have induced Dr. H. Plympton, the well known surgeon, an ardent sportsman and camper, to write the following article, which can be easily understood by every layman and which gives directions for using the syringe and four remedies which are most likely to be needed.

These four remedies are:

First.—Potassium permanganate in half-grain tablets.

Second.—Cocaine and morphine tablets composed of cocaine, one-fifth grain; morphine, one-fortieth grain; soda chlor., one-fifth grain.

Third.—Morphine in one-quarter-grain tablets.

Fourth.—Strychnia in one-fortieth-grain tablets.

These four remedies are all that are absolutely necessary for emergencies, such as venomous insect, reptile or snake bite, exhaustion, shock, heart failure and the need of minor surgical operations and allaying intense pain.

The object of hypodermic medication is to get the remedy into the blood as quickly as possible and to introduce it as near as may be to

the seat of injury or the pain. To insure its rapid assimilation by the blood, the medicine should be injected just between the skin and the muscles underneath; in other words, into the fat.

USE.—Dissolve the tablet to be used in the proper amount of water, or put any solution to be used into a teaspoon or what you may have that will hold it. A leaf properly folded will do; even the hollow of the hand in an emergency. You will find a fine wire run through the hollow needle to keep it clear. Remove this. Remove the cap from the end of the syringe and suck up the solution from the teaspoon by drawing out the piston of the syringe. Screw the needle firmly on the end of the syringe from which the cap was removed. Hold the syringe with the needle pointing upwards and press gently on the piston until the fluid begins to come out of the needle. This is to force all the air out of the syringe.

Now take up a fold or pinch of skin between the thumb and forefinger, insert the needle with a rotary motion of the syringe, as when boring a hole with an awl, being careful not to press on the piston while so doing. Keep the needle in a line with the line of the fold and it will be in correct position.

The needle will slip through the skin quickly and almost painlessly. Push it in its full length. Now press firmly on the piston and force it in slowly until the contents have been injected, being careful to keep the syringe in position. Withdraw the needle, and with the thumb press on the little hole made by the needle; with the first and second fingers rub the swelling made by the injected fluid for a few moments and it will disappear, leaving nothing but a tiny red spot.

LOCATION.—If the injection be made between the skin and the muscles, as described, it may be made anywhere on the body, although just over a bone that is close to the surface, as the shin bone, or on the back of the hand, are places to be avoided. Also in the bend of the elbows and knees and in the armpits are vessels that would be injured by the careless use of the syringe. The outside of the forearm or the upper arm, the calf of the leg, or the thigh, the big muscles of the buttocks, and the shoulder, and anywhere on the back are all places where the needle may be used without hesitation.

A short needle, three-eighths of an inch long, accompanies most outfits, and this may be used without taking up a fold of the skin; simply jabbed quickly and firmly as deep as it will go straight into any one of the big muscles.

The dangers in the use of the hypodermic are practically nothing. Exercise the same amount of care as in administering medicine by the mouth and no harm can be done; and, as in the case of a rattlesnake wound, the advantages are so immeasurably ahead of any treatment by the mouth; even if it were dangerous, it would be worth taking the chance.

PRECAUTIONS.—Be sure that the tablet is thoroughly dissolved, or you may force a piece into the needle and spoil it. Ten drops of water will dissolve any one tablet, and fifteen will suffice for any two, especially if the water be warm. Do not use more than this, unless by

direction. After using the syringe, and before removing the needle, draw up some water and eject it to clear the needle. A little vaseline or gun grease on the wire will prevent the needle from rusting.

FIRST.—For venomous insect and snake bite, tie a piece of small rope, a heavy handkerchief or a bandage loosely around the limb two and one-half inches from the wound and between the wound and the heart. (If the wound be on the face or the body, this is manifestly impossible.) Tighten this binder by twisting a stick in it till the binder sinks into the flesh and is quite painful. This is to stop circulation as much as possible. Prepare the syringe, using a short needle. Dissolve one one-half-grain tablet of potassium permanganate in two teaspoonfuls of water. Fill the syringe and inject at once half the contents directly into the swelling made by the bite. Inject the remainder about an inch nearer the body. Use deep injection if possible, otherwise just under the skin. Two more injections must now be made in the immediate neighborhood of the wound, each of them being about half a syringe-full and all between the wound and the bandage. As the swelling of the limb increases, the binder may be gradually loosened, and after half an hour it may be removed entirely.

Immediately after giving the injection of potassium permanganate dissolve one tablet of strychnia sulph. (one-fortieth of a grain) in about fifteen drops of water and inject it into the outside surface of the upper arm, midway between the elbow and the shoulder and just under the skin. Dissolve another strychnia tablet and prepare it in the syringe. Note the symptoms. The first symptoms are excitement, quickened pulse and rapid breathing, followed by depression, shallow breathing and drowsiness. This condition must be treated by tablespoonful doses of brandy or whiskey at half-hour intervals. Three doses will be enough. Large amounts of whiskey will not cure snakebite, *but will do much harm.*

The condition of the respiration must be carefully watched, and if there is a continuance or recurrence of "shallow" or quick breathing, the second syringe-full of strychnia should be injected into the arm as before. This strychnia injection may be repeated at fifteen-minute intervals—one tablet at each injection until five tablets have been given, or the breathing becomes more nearly normal.

The patient should not be allowed to sleep for more than two hours continuously during the first twenty-four hours. The bowels should be made to move freely by means of cathartic pills, salts or oil. Cheerful and encouraging suggestions will do much to counteract the depression following the absorption of the poison.

Careful investigation and close observation of properly authenticated cases of rattlesnake poisoning have led to the positive conclusion that a man in good general health will stand an even chance of recovery from a rattlesnake strike without any treatment whatever. With a hypodermic syringe and proper remedies at hand, there is no danger of a serious result.

SECOND.—For minor surgical operations the cocaine and morphine tablet should be used as follows: Dissolve one tablet in one tea-

spoonful of water and take up a syringe of the solution. Inject half the quantity under the skin, not deep, where the cut is to be made. Almost immediately the skin will become waxlike—this will indicate that the part is benumbed, so that an incision can be made without causing pain. Make a sufficient number of injections to cover the part to be cut. The surface benumbed by each injection will be about the size of a 25-cent piece.

THIRD.—For allaying intense pain and physical suffering morphine should be used by dissolving one tablet (one-quarter grain) in about ten drops of water and injecting it under the skin as near the seat of the pain as possible. If the pain is caused by some injury, such as a broken bone or a severe burn, and is likely to last, a second tablet may be given in fifteen minutes and a third one twenty minutes later. Pain is the antidote for morphine, and as long as pain exists there is no danger from a much larger dose than the above. If, however, the pain arises from some cause, such as cramps that are likely to end abruptly, the above dose is enough.

FOURTH.—For exhaustion, shock, great fatigue, hunger, heart failure, strychnia should be used as follows: Dissolve the tablet in ten drops of water and inject into the outside of the arm, midway between the elbow and shoulder. The condition of exhaustion, whether from great exertion, loss of blood, or hunger, has caused a marked depression of the heart's action and the nervous system is noticeably affected. The patient is pale, a cold perspiration covers the face, the breathing is shallow and quick, and the pulse is faint and very rapid. One injection will show a decided effect, but if a second is necessary fifteen minutes afterward do not hesitate to give it.

MILITARY AND NIGHT MARCHING COMPASSES



EXTRACT FROM NEW INFANTRY DRILL BOOK, 1892

"A good magnetic compass is an indispensable part of every officer's field equipment. With a view to night attacks, it is desirable that in future these compasses be prepared with luminous paint. The magnetic bearing of the enemy's position from the place of rendezvous should be known to every officer and non-commissioned officer of the attacking force.

"In military marching, all magnetic directions are given from 0 degrees to 360 degrees counting from right to left. It is, therefore, necessary that all military compasses having fixed dials of degrees should be figured from right to left, and all compasses having movable or floating dials of degrees should be figured from left to right. This will be apparent by the following examples:

"To set a compass having fixed dial of degrees to a given magnetic bearing, say 45 degrees, the compass should be turned until the magnetic needle stands directly over the point at 45 degrees, and the march made in the direction of the north point on the dial, but to set a compass having a floating dial of degrees to the same magnetic bearing the compass should be turned until the central or luminous line in the lid of compass is directly over the point at 45 degrees, and the march made in the direction of the central line in the lid of case. The same angle of direction will be attained in either case."

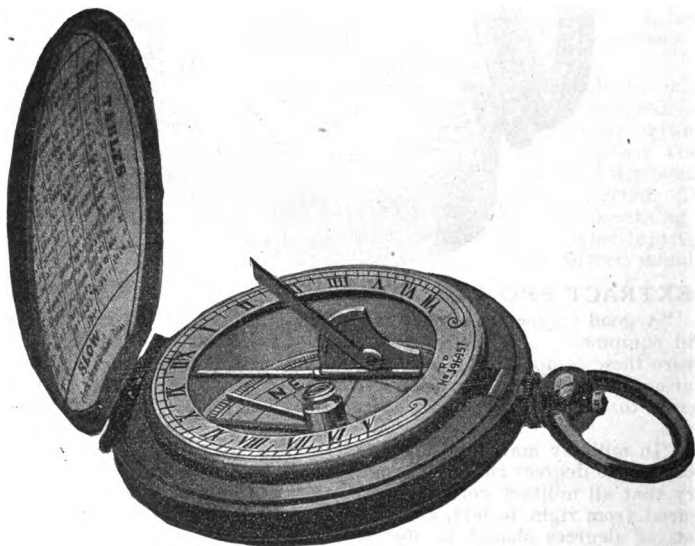
Each.

No. 50. Night marching compass, with graduated aluminum dial, luminous centre in bronzed case, with sight in lid, 1¼ in. diameter\$11.2



COMPASSES

Our compasses are made for us by Short & Mason, of London, England, who are the best makers in the world. Every camper, afield, afloat or in the woods, should carry one. Never use a poor compass; it is better to be without than to be misled by a poor one. The compasses we sell are used in both the United States and English armies. Every one is guaranteed.



THE PORTABLE POCKET COMPASS AND SUN DIAL

We have imported the first of these compasses ever brought to America.

Hunter case, secret spring, bronze; $1\frac{3}{4}$ in., silvered metal dial compass, best hardened and tempered edge bar needle, jeweled cap and self-acting stop, combined with sun dial having adjustable gnomon. Equation tables in lid. Weight, 5 ozs. Net price, \$8.00.

This instrument is very accurate and the time of day is easily computed.

ENGLISH MILITARY PATTERN

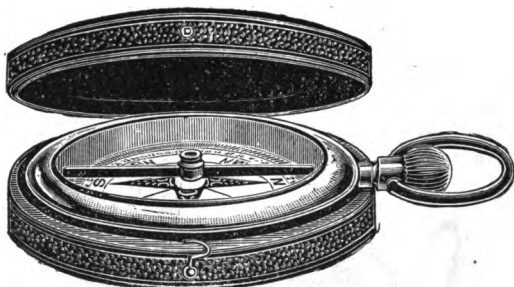


- No. 93. Strong bronze metal case, jointed lid, silvered metal
dial, bar needle, jeweled cap, $1\frac{1}{2}$ in. dial...Price, \$4.75 net.
Same. $1\frac{3}{4}$ in. dial.....Price, 5.25 net.
- No. 93A. Same as above, with $1\frac{3}{4}$ in. dial..... 5.00 net.
- No. 04. Same as above, but with floating aluminum dial,
Singer pattern, $1\frac{1}{2}$ in. dial..... 5.50 net.
- No. 04A. Same as above, with $1\frac{3}{4}$ in. dial..... 6.00 net.
- No. 14. Same as above, with floating aluminum dial, and lum-
inous line in lid, $1\frac{1}{2}$ in. dial..... 6.25 net.
Same. $1\frac{3}{4}$ in. dial..... 7.25 net.
Same. 2 in. dial..... 8.00 net.

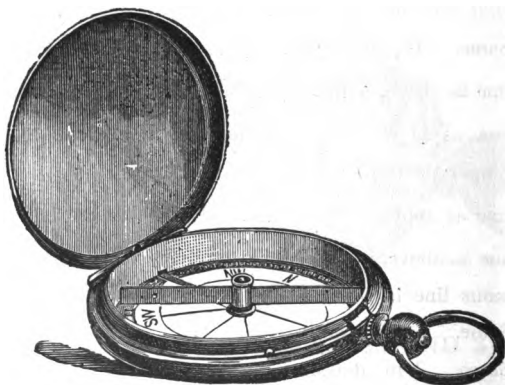
TRANSPARENT COMPASSES

- No. 63. Gilt case, with transparent glass dial, morocco leather
outer case, jeweled cap, push action stop. We
highly recommend this compass; $1\frac{3}{4}$ in. dial only.
Weight, $1\frac{1}{2}$ oz.....Price, \$4.50 net.

POCKET MAGNETIC COMPASSES

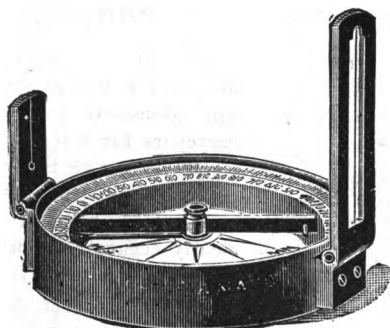


- No. 23. Watch form, gilt case, in outer morocco case, keyless action stop, silvered metal dial, best hardened and tempered edge bar needle; jeweled cap and stop, $1\frac{3}{4}$ in. dial. Weight, $2\frac{1}{2}$ ozs.....Price \$4.50 net.
 Same. $1\frac{1}{2}$ in. dial.....Price, 4.00 net.
 Same. $1\frac{1}{4}$ in. dial.....Price, 3.75 net.



- No. 22. Hunter case, metal dial, bar needle, jeweled cap, self-acting stop, gilt or nickel case, $1\frac{1}{4}$ in. diameterPrice, \$3.00 net.
 $1\frac{1}{2}$ in. diameter.....Price, 3.25 net.
 $1\frac{3}{4}$ in. diameter.....Price, 3.50 net.
- No. 42. Same as No. 22, but with floating aluminum dial, Singer pattern.
 $1\frac{1}{4}$ in. diameter.....Price, 3.75 net.
 $1\frac{1}{2}$ in. diameter.....Price, 4.00 net.

SURVEYOR'S SIGHT COMPASS



- | | | |
|---------|--|-------------|
| No. 65. | Surveyor's sight compass, 2 in. silvered metal dial, hinged case, sight in lid and folding sight, jeweled cap, bar needle..... | \$6.00 net. |
| | With 2½ in. dial..... | 7.25 net. |
| No. 87. | Mahogany box compass, floating card dial, mounted on gimbals, jeweled cap, 3 in. dial..... | 4.00 net. |
| No. 97. | Same as No. 87, in best quality mahogany box, with hinged lid, 3 in. dial..... | 7.00 net. |
| No. 7. | Polished mahogany case, silvered metal dial, bar needle, jeweled cap, self-acting stop, 1½ in. dial.. | 2.00 net. |
| | 2 in. dial..... | 2.25 net. |

THERMOMETERS

These thermometers are all carefully tested and we guarantee them to be accurate. Nos. 1 and 2 will register 80 degrees below zero, No. 3 to 120 above zero.

Net price.

- | | | |
|--------|--|--------|
| No. 1. | Minimum self-registering, 8 in., standard grade, magnifying spirit tube, oak frame, in leather carrying case; weight 5 oz..... | \$2.00 |
| No. 2. | Minimum self-registering, 6 in., all glass, magnifying spirit tube, in screw cap hard rubber case; weight ½ oz.... | 2.00 |
| No. 3. | Maximum self-registering, 6 in., all glass, magnifying spirit tube in screw cap hard rubber case; weight ¾ oz..... | 2.25 |
| | Fine clinical thermometer, with lens, in hard rubber case. Guaranteed and certified..... | 1.50 |



ANEROID BAROMETERS



Aneroids are made in various forms and sizes as will be seen by our list, and are extensively used by engineers and surveyors for determining differences of levels, etc., and they are thus able to make a rapid and approximate survey over a large tract of country and sufficiently accurate for many operations in their profession.

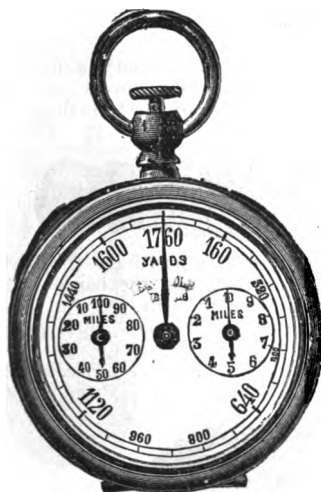
To the explorer, camper and prospector they are exceedingly interesting in showing the heights of hills and mountains, as well as being indicators of change in weather affecting their excursions.

The great interest now taken in meteorological observation gives them an important position among the various instruments used in the study of that advancing science.

No. 3. Watch form aneroid barometer, 1 $\frac{1}{4}$ in. diameter; gilt case is the best snap morocco outer case, silvered metal dial, revolving altitude, scale 8,000 ft., compensated for temperature; weight, 3 $\frac{1}{2}$ oz.....	Net Price \$18.80
No. 11. Same as No. 3, with hunter form case, keyless action to altitude compensated for temperature, revolving altitude, scale 10,000 feet; weight, 4 oz.....	24.75
No. 42. Pocket size aneroid, 2 $\frac{1}{2}$ in. diameter; gilt, in morocco snap case, silvered metal dial, with revolving altitude, scale 8,000 feet, compensated for temperature; weight, 8 $\frac{1}{2}$ oz....	19.80

EXTRAS.

10,000 ft. altitude scale add.....	\$0.90
12,000 ft. altitude scale add.....	1.80
16,000 ft. altitude scale add.....	3.60
20,000 ft. altitude scale add.....	5.50



PEDOMETER

Pedometers are excellent instruments and with a good observer are quite accurate. They are often used in preliminary survey work.

Grade A, weight $1\frac{1}{2}$ ozs., registers 100 miles by $\frac{1}{4}$ miles. Price, \$1.00 net.

Grade B, weight $2\frac{1}{2}$ ozs., registers 100 miles by yards. Price, \$5.00 net.

FIELD GLASSES

THE BAUSCH & LOMB BINOCULARS

These are the finest glasses for field, mountain or marine use. The sight is sharper, the field of vision much wider, and they can be set to any angle, thus fitting all eyes. Far superior to the old style glasses in every way.

8 Diameters, 5 ins. high; weight, with case, 23 ozs... Price, \$45.00 net.

Monoculars, 8 Diameter; weight, with case, $7\frac{1}{2}$ ozs.... Price, 22.00 net.

$5\frac{1}{2}$ Diameters, 4 ins. high; weight, with case, 22 ozs... Price, 43.00 net.

Fine French Field Glasses, the famous "Lemaire" make, 6 ins.

high; weight, with case, 36 ozs..... Price, 20.00 net.

FOLDING FIELD AND OPERA GLASS

A sharp, powerful little glass, so made as to fold flat, $3\frac{1}{2}$ ins. wide, 5 ins. long, 1 in. thick. Carries handily in the pocket and weighs but 8 ozs. A very convenient theatre glass and especially useful to sportsmen for sighting game at long range. Price, \$12.00 net.

FRENCH TELESCOPES

A superior make, and warranted in all respects. Packed in strong cardboard case.

No. 750/12 line, 15 diameters; weight, 10 ozs..... Price, \$3.50 net.

No. 750/16 line, 25 diameters; weight, 18 ozs..... Price, 7.50 net.



KNIVES

Next to matches and the axe, a knife is the most important in the outfit, and should be selected with especial care. Our knives can be trusted. They are well made, well tempered and of first quality in every detail.



This knife is made on our own pattern, and is positively the best hunting knife we know of. The shape is perfect, and the handle fits the sheath snugly, so that it will never drop from the belt.

Highest grade steel, solid ebony handle, checked thistle butt grip, heavy tan leather sheath.

With 4½ inch blade; weight 5 ozs.....Price, \$2.95
 With 6 inch blade; weight 6 ozs.....Price, 2.50

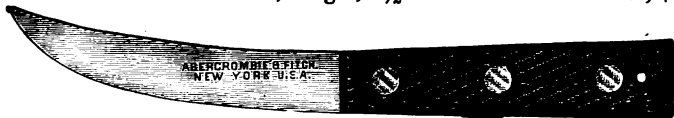


For those who prefer the Bowie pattern we supply this fine stag handled knife. Tang runs length of handle. Has heavy cross guard.

5 inches; weight, 7½ ozs.....Price, with sheath, \$1.75
 6 inches; weight, 9 ozs.....Price, with sheath, 2.00
 7 inches; weight, 9½ ozs.....Price, with sheath, 2.25
 8 inches; weight, 10 ozs.....Price, with sheath, 2.50
 9 inches; weight, 10½ ozs.....Price, with sheath, 2.75



This is the old and tried butcher knife, scored ebony handle. With 5 inch blade and sheath; weight, 4½ ozs.....Price, \$0.75



For fine and difficult skinning work, where nicety of manipulation is necessary, this knife has no equal. Very best steel, highly tempered and takes an extremely fine edge. Its shape admits of a long, powerful stroke, or a touch as light and keen as a lancet. Made with scored ebony handle, 5 inch blade; weight, with sheath, 4 ounces. Price, \$1.00.



SPECIAL SKINNING KNIFE AND STEEL

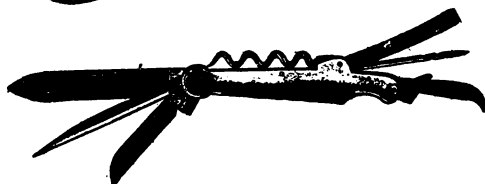


This cut shows an excellent sheath for carrying a skinning knife and steel, many hunters preferring a steel to a stone for sharpening. The sheath is hand made of heavy russet leather and a convenient size.

Complete weight, 12 ounces.

Price, \$3.50.

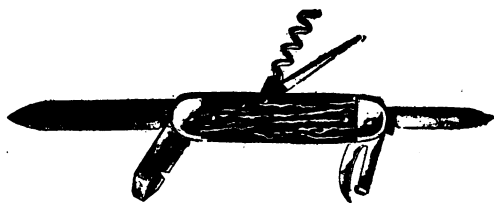
KIT KNIVES



This cut shows an extra strong kit knife, Henckel's make, having nickel plated steel handle and D ring for lanyard. The tools are awl, gimlet, screw driver, cork screw, 4 inch blade, $2\frac{1}{2}$ inch

blade and wire hook blade. Comes in leather case; weighs 8 ounces; size 5 in. x $1\frac{1}{4}$ in. x $\frac{5}{8}$ inch. Price, \$5.00 net.

Another form of kit knife, Henckel's make, much lighter, having horn handle. This is the best and most useful knife on the market. The tools are reamer, corkscrew, screwdriver, 3 inch blade, 2 inch blade



and a most excellent can opener; weighs 5 ounces; size $3\frac{1}{2}$ in. x 1 in. x $\frac{5}{8}$ in. Price, \$4.00 net.

DALL DE WEESE HUNTING KNIFE



Length of blade, 4 inches; length of handle, $3\frac{1}{4}$ inches; weight, with full leather sheath, 4 ounces. German stag horn handle, \$1.75 net.



KNIVES



Made expressly for skinning, slitting and scaling fish. Saw tooth back, cocobolo handle, hole for lanyard, $4\frac{3}{4}$ inch blade. Price, with sheath, 90c.; without sheath, 75c.

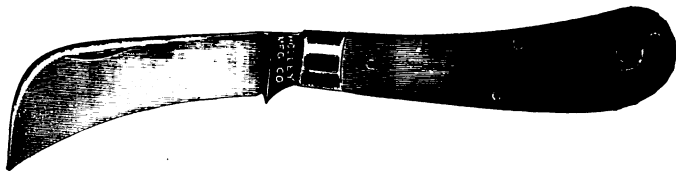


The old reliable "sure enough" Barlow knife still finds many users. We have them in three sizes, all of them good ones.

$2\frac{1}{2}$ inch, single blade.....20c. $2\frac{1}{2}$ inch, double blade.....30c.
4 inch single blade, "Easy Opener".....40c.



A heavy $3\frac{1}{2}$ inch, single blade, wood handle knife. Has hole in handle for lanyard, and is a good all-around jack knife. Weight, $3\frac{1}{2}$ ozs. Price, 50 cents.



Our special pattern brush knife. No better can be produced. The peculiar shape in handle and blade gives a power to the cut that cannot be obtained in any other shape. Has 3 inch blade and hole for lanyard. Weight, $3\frac{1}{2}$ ozs. Price, 75 cents.



A strong, serviceable knife in every respect. Two and three inch double blade, "easy opener," buck-horn handle. Weight, $3\frac{1}{4}$ ozs. Price, 90 cents.



KNIVES



This is a new form of knife we have added and is made of best grade steel scored ebony handle, five-inch blade, weighs with sheath $4\frac{1}{2}$ ounces. Price \$1.00 net.

SAFETY POCKET KNIVES

No. 1. $4\frac{1}{4}$ inches. Engraved hard rubber side plates; 4 ozs. Each, \$3.00 net.



CARBORUNDUM STONES

Carborundum is a manufactured substance, made by the aid of the electrical furnace and is the best and quickest abrasive known to science.

It will sharpen any tool from an axe to a razor and can be had in various degrees of fineness.

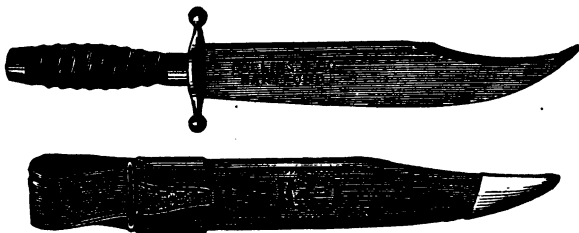
Axe Stones, rough, $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ in., weighs $3\frac{1}{2}$ oz.....Price, \$0.25 net.
 Tool Stones, medium, $1\frac{1}{2} \times 4 \times \frac{1}{2}$ in., weighs $3\frac{1}{2}$ oz.....Price, .50 net.
 Knife Stones, fine, $1\frac{1}{2} \times 4 \times \frac{1}{2}$ in., weighs $3\frac{1}{2}$ oz.....Price, .75 net.
 Bench Stone, medium and fine, $2 \times 6 \times 1$ in., weighs 12 oz..Price, 1.00 net.

SPORTSMAN'S STONE

It will sharpen anything from an axe to a fine knife blade. Comes in leather case.

Size $1 \times 4 \times \frac{1}{2}$ in., weight 2 oz.....Price, \$0.75 net.

CANE KNIFE



These cuts show an excellent cane knife and sheath made by Collins & Co., and is much used in thick undergrowth and cane, while hunting to clear out a trail; has 10-inch blade, weighs 22 ounces. Price \$3.50 net.

MAPS

It is usually very difficult to get possession of a good, reliable map. Land Office maps are generally unreliable, so are maps circulated by railroads and those gotten up for sale.

The best maps are those made under government supervision or by scientific and exploring expeditions, but the great difficulty is to find out where and how to get them, and even then it is sometimes a question of many months before they can be received.

We carry on hand as complete a line of reliable maps as we can procure of the United States, Canada and Mexico, which we sell for prices ranging from 10 cents to \$3.00 per sheet. We advise that they be carried in waterproof envelopes of convenient size, price 25 cents.

We also carry a full line of "Best Maps" of well-known localities, such as Stoddard's Map of the Adirondacks, \$1.00, Hubbard's Map of Northern Maine, \$1.00, Forest and Stream's Map of New Brunswick, \$1.00, and many others.

ROAD MAPS

Automobile road maps in linen covers dissected and mounted on linen, price \$2.00 each:

Cape Cod.	New Jersey, Northern.
Connecticut, East.	New Jersey, Southern.
Hudson River District, North.	Catskill District.
Hudson River District, South.	Mohawk Valley.
Long Island.	Susquehanna District.
Massachusetts, Central.	Western New York Lake District.
Massachusetts, Eastern.	Montreal District.
New Hampshire State.	Quebec District.
New Jersey, Central.	.

ROAD MAPS IN COVERS

Showing the good roads:

Long Island	\$0.25
The following are on a uniform scale of 1¼ miles to one inch.	
Northeastern New Jersey, including Greenwood Lake and Lake Hopatcong .....	.50
Kings and Queens Counties .....	.50
Staten Island .....	.25
Westchester County .....	.50
The Jersey Shore, Perth Amboy to Toms River .....	.50
Northeastern Massachusetts .....	.50
New York City (Manhattan and Bronx) .....	.25
Shores of the Hudson River (Part I), New York to Poughkeepsie ..	.25
Shores of the Hudson River (Part II), Poughkeepsie to Troy....	.25
Rockland County, N. Y. ....	.25
Orange County, N. Y. ....	.50
Ulster County .....	.50
Ulster County .....	.35
Field, N. J., to Philadelphia .....	.25

	Price Net.
Maine, Coast of, Eastern Part .....	.25
Coast of, Western Part .....	.25
Moosehead and Aroostook Districts .....	.50
Rangeley and Megantic Districts .....	.25
Dead, Androscoggin and Connecticut Rivers .....	.50
Northern .....	.25
Portland District .....	.25
New Hampshire, Central Part (White Mountains) .....	.50
Northern Part .....	.50
Southern Part .....	.50
Vermont, Northern Part .....	.50
Southern Part .....	.50
Woodstock and vicinity .....	.25
Massachusetts, Automobile Routes .....	.25
Berkshire Hills .....	.25
Boston District Road Map .....	.25
Brockton District Road Map .....	.25
Cape Cod and vicinity .....	.25
Massachusetts Bay .....	.25
Middlesex County and the North Shore .....	.25
New Bedford and vicinity .....	.25
Norfolk County and the South Shore .....	.25
The Connecticut Valley in Massachusetts .....	.25
Worcester County .....	.25
Worcester District Road Map .....	.25
Rhode Island, State .....	.25
Narragansett Bay and vicinity .....	.25
Connecticut, Eastern Part, with Index .....	.50
Western Part, with Index .....	.50
Connecticut State .....	.25
New York District .....	.25
New York to Albany, Hudson River District .....	.25
Long Island .....	.25
Adirondacks, North .....	.50
Adirondacks, South .....	.50
Catskill Mountains and West .....	.50
Oneida Lake District .....	.50
Western New York .....	.50
New Jersey, North .....	.25
New Jersey, South .....	.25
New England, Automobile Routes .....	.25
Philadelphia District .....	.25
Nova Scotia and part of New Brunswick .....	.50
Guide to Metropolitan Boston .....	.25

All of our maps are finely engraved and carefully printed. The paper is of excellent quality and all are handsomely colored. In every particular they will be found superior to any other maps published of the same localities.

If the map which you want is not in the above list, send us a postal card and we will let you know what has been published and the price.



LEATHER GOODS



LEATHER COLLARS

Leather collars, turn down, all sizes; each...50c. net.

LEATHER WRIST BANDS

Leather wrist bands, embossed, 1½ in. wide; each...35c. net.



A



B

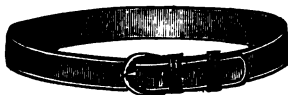
LEATHER CUFFS

A. Embossed, 6 in. wide, per pair,
\$1.00 net.

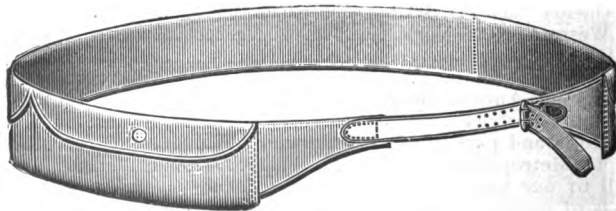
B. Very handsomely embossed,
finest grade of leather; per pair,
\$2.50 net.

LEATHER BELTS

We make leather belts of best russet harness leather, nicely finished, with gold plated, nickel or brass buckle and strap, 1½ inches wide. In ordering state waist measure. Price, \$1.00 net.



MONEY BELTS



Made of chammois with three pockets. The safest and most convenient way to carry money while traveling. Price, 75 cents net.

Made of waterproof silk, very light and durable. Same style as above. Price, 75 cents net.

HEAD NET



This head net is made of fine English black bobbinet that will stand rain and washing. It has circular cloth piece above the net over the hat and tightly secured at bottom by a yoke-shaped piece fitted to the shoulders, which is tied with a tape under the arms. Weight, 2 ozs.

Price, \$1.00.

FLY DOPE



This preparation is one we have compounded and used and know it to be a most excellent preventive against the attack of flies, gnats, mosquitoes, and fleas. There is none better on the market and we guarantee it to do the work for which it is intended. Has good body and one application will last a long time.

Two oz. jar Price, 25 cents net.
Two oz. tube Price, 25 cents net.



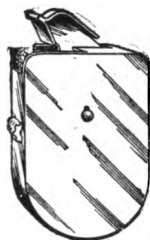
WATERPROOF MATCH BOX



This match box is made of hard rubber with a screw top. It is not only absolutely waterproof but has the advantage over other match boxes in that it will float if dropped overboard. With each box is supplied a perforated cap which screws inside the top so the box can be used either as a pepper, salt or spice sprinkler, or without the perforated cap as a match box.

Size, $1\frac{1}{4} \times 3$ in. Weighs 1 oz.

Price, 50c. net.

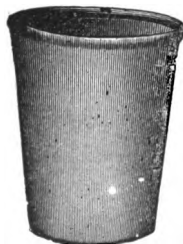


FLINT AND STEEL LIGHTER

The little machine is a perfect combination of flint, steel and tinder, and every time used will strike fire and ignite the fuse which can be used to light tobacco in its various forms, fires, etc.; a most excellent article for those living out of doors for it is a great match saver. New fuses are supplied.

Lighter, weight $2\frac{1}{4}$ ozs. Price, \$0.50 net.

Fuses, weight $1\frac{1}{4}$ ozs., per doz. Price, .25 net.



ROUND CUP

Made of white rubber. Carries flat in the pocket. Weight, $1\frac{1}{2}$ ozs. Price, either shape, 25c.

DRINKING CUPS



CANOE SHAPE

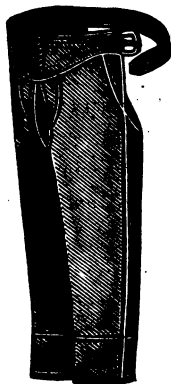
COMBINATION TOOL HAFT



A very useful and handy addition to your kit. Contains twelve tools made of the best tempered steel; 4 inches long; weight, 4 ozs. Price, 75 cents.



CHAPARAJOS



While we furnish chaparajos of leather, we have a material much better suited to the purpose. This material, Pantasote duck, is absolutely waterproof and pliable under all conditions and is lighter than leather. As it has no oil in it and is proof against getting wet, it will not stiffen nor freeze in cold weather. When ordering chaparajos the waist and inseam measure of trousers must be given.

Made of Pantasote duck; weight about 6
lbs\$10.00 net.

Made of leather; weight about 10 lbs..... 12.00 net.

NECKERCHIEFS

We have often been asked for neckerchiefs and can now supply both silk and cotton bandanas of the very best qualities.

Made of cotton; size, 28x28 in.; weight, 1½ oz. Price, each..... \$.10

Made of silk; size, 30x30 in.; weight, ½ oz. Price, each..... 2.00

Made of silk, 32x32. Price, each 2.25

TOWELS

To complete our outfit it is necessary for us to carry towels. We recommend a cheap colored cotton Turkish towel, which can be washed, shaken out and dried and be ready for use without ironing, and when grimy can be used as rags and replaced without serious expense.

Size, 20x40 in.; weight, 5 oz. Price, each, 15 cents.

THERMOS BOTTLES

THERMOS BOTTLE



**KEEPS HOT
KEEPS COLD**

The Thermos Bottle is made of two strong glass bottles, one within the other, and sealed at the neck, leaving a space or air chamber between the two receptacles, from which all the air is extracted, thereby creating a perfect vacuum. Vacuum is an absolute non-conductor of heat or cold and is not affected thereby.

**THEREFORE ANYTHING PLACED INSIDE
THERMOS BOTTLES REMAINS AT PRACTI-
CALLY THE SAME TEMPERATURE.**

Keep any liquid poured in, boiling hot, more than 48 hours in the COLDEST winter.

Keep any ice cold beverage cold for weeks in the HOTTEST summer.

Made in handsome designs. Leather, nickel, aluminum covers. Pint and Quart sizes.

**THERMOS GLASS IS SPECIALLY MADE, AND CANNOT
BE CRACKED BY EXTREMES OF HEAT OR COLD.**

Part Nickel and Leather Exterior:

Pints, \$6.50.

Quarts, \$10.00.

All Nickel Exterior:

Pints, \$7.50.

Quarts, \$12.00.

Aluminum Covers:

Pints, \$8.50.

Quarts, \$14.00.



FIRE ARMS

THE SPORTSMAN'S PROGRESS

When I was but a little boy,
And scarce could lift a Gun,
I oft would leave each childish toy,
And to the fields would run.

With Pistol for my Fowling-piece,
I thought myself a man,
And thus improving by degrees,
A Sportsman's life began.

On Lark and Redwing and Fieldfare,
My skill I first did try,
At every bird that wings the air
I quickly would let fly:

And thus did I in early life
Each vice and folly shun,
Preferring still, to scenes of strife,
My faithful Dog and Gun.

—*From an old English Print 1820.*

Property of: A. Kingston Handy (N. Y. A. C.)

FIREARMS

In making up our stock of rifles, shot guns, pistols and revolvers, we have selected only those arms which, by virtue of their reputation and long service, have proven to be the safest and best.

In rifles we offer the Winchester, the first repeating rifle made to handle center-fire cartridges. Upward of a million have been sold and used, the world over, and have met with such success that the word Winchester is a synonym for rifles.

Only one grade is made and that is the best. The difference in price is due to the difference in finish, ornamentation or features necessitating a greater or less amount of hand work.

We also have the Mannlicher, which represents the best of the breech-bolt system of rifles.

The Savage, a radical departure in the usual system of repeating rifles, represents a lever-action rifle which has met with success.

In pistols and revolvers we have followed a like course and present only the best. Automatic pistols have justly become popular as a side arm. Their range is greater and trajectory flatter.

The Luger is the best type of this weapon where extreme range is desired.

The Colt is a much smaller weapon, and for many purposes is more convenient, particularly the .32 calibre, which is the acme of a pocket weapon.

For target use and small game shooting we recommend the S. & W. .22 calibre, single shot pistol, and the Winchester and Marlin Rifles, which for accuracy, reliability and general excellence are known as the best .22 calibre rifles.

In shot guns the range of prices and variety of make render it impossible in this space to go much into detail.

We carry a full line, including Parker, Tobin, and Winchester, from which we feel a selection can be made to suit any ordinary purpose.

In revolvers, especially of heavy pattern and large calibre, the "Colt" is the standard of the world. We carry the full line and recommend them without reserve.

In reloading tools, cleaners, covers, cases, etc., we carry a complete line.

WINCHESTER 1886 MODEL

This system has given complete satisfaction among big game hunters everywhere.

The breech mechanism is without question safe and strong, and we recommend this rifle without reserve for its weight, accuracy, simplicity of action and tremendous killing power.

For .33, .38-56, .38-70, .40-65, .40-70, .40-75-260, .40-82, .45-70, high velocity; .45-70-405 government; .45-70-500 government; .45-70-330, .45-70-350, .45-90, .45-85-300, .45-85-350, .45-82-405, .50-100, and .50-110 cartridges. Made with full or half magazine, in "Take Down" and in extra light weight styles.

PRICE LIST

Full or Half Magazine

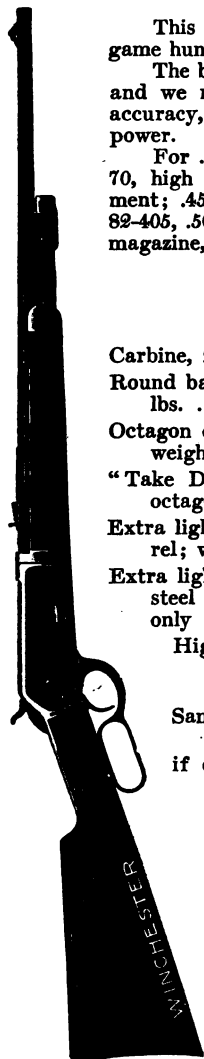
	Net price,
Carbine, 22 ins., round barrel; weight about 8 lbs.....	\$15.20
Round barrel, 26 ins., long or under; weight about 8¼ lbs.	15.60
Octagon or half octagon barrel, 26 ins. long or under; weight about 8¼ lbs.....	16.80
"Take Down" rifles, 26 ins., round, octagon or half octagon barrels; weight about 9 lbs.....	20.00
Extra light-weight rifle, 22 ins., round, nickel steel barrel; weight about 6¼ lbs.; .45-70 calibre only.....	20.00
Extra light-weight "Take Down," 22 ins., round, nickel steel barrel; weight about 7¼ lbs.; .45-70 calibre only	24.00
High power .33 "Take Down," 24 ins., round nickel steel barrel, shotgun butt stock; weight 7¼ lbs.	24.00
Same rifle, solid frame.....	20.00
When ordering .45-70, .45-90 and .50-110 rifles state if desired sighted for High Velocity Cartridges.	

INTERCHANGEABLE BARRELS

Complete, with magazine, etc.....\$12.00 net.

A very desirable feature of the Model 1886 "Take Down" rifle is interchangeable barrels, as it enables one to have practically two different guns for the slight cost of another barrel. As the action of the Model 1886 is the same for all cartridges it is made for except the .33, different calibre barrels can be used with the same "Take Down" frame. It will be necessary to send guns to have extra barrels fitted.

For extras on rifles, see page 169.



WINCHESTER MODEL 1890 "TAKE DOWN" .22 CAL., REPEATING

Rifles of this model are chambered for one size of cartridge only—.22 short, .22 long and .22 Winchester.

When ordering please specify size of cartridge desired, otherwise .22 short will be sent.

24 in. Octagon barrel, straight grip stock;

weight, 5¾ lbs.....Price, \$10.80 net.

WINCHESTER 1892 MODEL

An improvement of the original famous 1873 model, which is too well known to require description.

Made for .25-20, .32, .38 and .44 calibers.

PRICE LIST

Full or Half Magazine

	Price net.
Octagon or half octagon barrel, 24 inches long; weight about 7 pounds; number of shots, 14	\$13.16
Round barrel, 24 inches long; weight about 6¾ pounds; number of shots, 14.....	12.15
Carbine, weight about 5¾ pounds; number of shots, 12	11.81
"Take Down" Rifles, 24-inch, round, octagon or half octagon barrel; weight about 7¼ pounds	16.88

INTERCHANGEABLE

BARRELS

The .38 and .44 calibres of the Model 1892 "Take Down" rifles, having the same action, we can make the barrels interchangeable so that anyone wishing to use the two styles of cartridges may do so at a comparatively small increase over the cost of one rifle.

Extra barrels, with magazines complete, will be furnished for \$12.00 net.

All rifles must be sent to the factory to be fitted.

For extras on rifles, see page 169

MODEL 1892

MODEL 1890

WINCHESTER 1894 MODEL

A light, strong-shooting rifle, with a very popular action and probably the best-known rifle made—the rifle that made the .30-30 famous.

For .25-35, .30 W. C. F., .32-40, .32 Win. Special and .38-55.

PRICE LIST

Full or Half Magazine

.32-40 and .38-55 Calibres

Carbines, 20 inch Barrel, 7 shots; weight, about 6 pounds	\$11.81 net.
Octagon or Half Octagon Rifles, 26 inch Barrel, 9 shots; weight, about 7¾ pounds.....	13.16 net.
Round Barrel, 26 inch, 9 shots; weight, about 7½ pounds	12.15 net.
"Take Down" Rifles, 26 inch Round, Octagon or Half Octagon Barrel, 9 shots; weight, about 7¾ pounds	16.88 net.
Extra Light Weight, 26 inch Round, Octagon or Half Octagon Barrel; weight, about 7 pounds..	15.53 net.
Extra Light Weight "Take Down," 26 inch Round, Octagon or Half Octagon Barrel; weight, about 7¾ pounds	20.25 net.

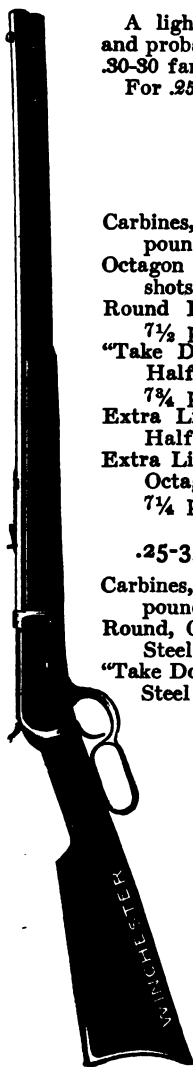
.25-35, .30 and .32 Special Winchester Calibers

Carbines, 20 inch Barrel, 7 shots; weight, about 6¼ pounds	14.18 net.
Round, Octagon, or Half Octagon, 26 inch Nickel Steel Barrel, 9 shots; weight, about 7¾ pounds	15.53 net.
"Take Down," 26 inch Round, Octagon or Half Octagon Nickel Steel Barrel, 9 shots; weight about 7¾ pounds	\$18.90 net.
Extra Light Weight, .25-35 and .30 caliber only, 26 inch Round, Octagon or Half Octagon Nickel Steel Barrel; weight, about 7 pounds..	\$18.90 net.
Extra Light Weight "Take Down," .25-35 and .30 Caliber only, 26 inch Round, Octagon, or Half Octagon Nickel Steel Barrel; weight, about 7¾ pounds	\$21.28. net.

INTERCHANGEABLE BARRELS

Model 1894 "Take Down" Rifles can be furnished with interchangeable barrels, the .25-35 interchanging with the .32-40, and the .30 Win. interchanging with the .32 Win. Special and the .38-55.

Extra Barrels, complete with magazine, forearm, etc. \$12.00 net.
Barrels must be sent to be fitted.



WINCHESTER 1895 MODEL

For U. S. Army, 1903 U. S. G., .303 British, .35, .38-72, .40-72 and .405 calibres.

This is the first box-magazine, lever-action repeating rifle ever put upon the market. It is extremely handsome in form, and the moving parts are few and strong.

The construction of the mechanism is such that the rifle can readily be used as a single loader, keeping the magazine in reserve, and the magazine follower is so arranged as to positively prevent jamming of the rifle by false movement.

All the cartridges adapted to this model are extremely powerful, and their shocking and killing effect is terrific. Are especially desirable for heavy game shooting.

PRICE LIST

.30 Army, 1903 U. S. G., or .303 British, 24 inch round barrel; weight about 8½ pounds.....	\$24.00 net.
Carbine, .30 Army, or .303 British, 22 inch round barrel; weight about 8 pounds.....	24.00 net.
.35 Winchester, 24 inch round barrel; weight about 8½ pounds	24.00 net.
.38-72 or .40-72 Winchester, 26 inch round barrel; weight about 7½ pounds.....	16.80 net.
.38-72 or .40-72 Winchester, 26 inch octagon or half octagon barrel; weight about 8½ pounds....	20.00 net.
.405 Winchester, 24 in. round barrel; weight, 8½ pounds	24.00 net.

The barrels of the .30 Army, 1903 U. S. G., .303 British, .35 and .405 are made of nickel steel—the .30 Army and .303 British being 28, and the .35, 24 inches long. Octagon or half octagon or longer barrels cannot be furnished in these calibres.

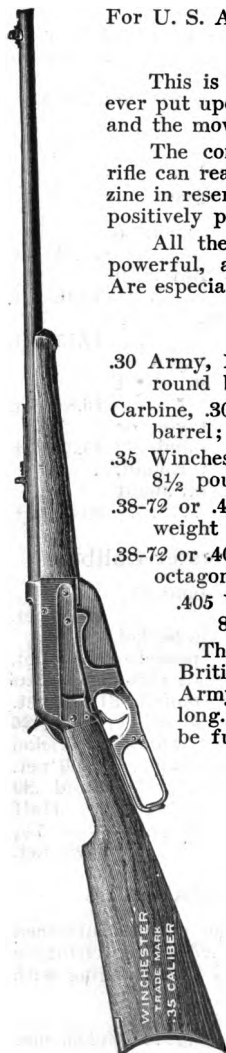
The .38-72 and .40-72 calibre rifles are made with round, octagon, or half octagon barrels, standard length of 26 inches.

Barrels in .38 and .40 calibres can be furnished up to 36 inches in length at an additional charge of 50 cents per inch for each inch over the standard.

Fancy stocks and shotgun butt stocks can be furnished for this model. Pistol grip stocks cannot be furnished. Set triggers cannot be furnished.

Rifles chambered for the .30 Army cartridge will not handle the .303 British cartridge.

For extras on rifles, see page 169.



WINCHESTER 1902 MODEL SINGLE SHOT—TAKE DOWN

Chambered for .22 Short, .22 Long and .22
Long Rifle Rim Fire

The action used in this rifle is of the bolt type, and is exceedingly simple, consisting of very few parts.

The barrels are bored and rifled with the same care and exactness employed on all Winchester rifles, and this little arm will be found to be a marvel of strength and accuracy.

18 inch, round barrel, plain trigger, combination trigger guard and pistol grip, highly polished stock, steel butt plate; weight, 3 lbs.

Price, \$3.50 net.

No variations from standard will be furnished.

WINCHESTER 1903 MODEL .22 Winchester AUTOMATIC

The Winchester Model 1903 is a ten-shot, AUTOMATIC, hammerless, "Take Down" rifle, using a new, inexpensive rim-fire cartridge, known as the .22 Calibre Winchester Automatic, loaded with Smokeless Powder and Winchester Greaseless

Bullet. We predict with the advent of this gun a new era in rifle shooting. True lovers of sport will use it in open places upon moving game—ducks, geese and small animals—where shotguns are now used. It is simple in construction and operation. After filling the magazine and throwing a cartridge into the chamber, all that it is necessary to do to shoot the ten cartridges that the magazine holds is to pull the trigger for each shot. The rifle can be shot as fast as the trigger can be pulled. The recoil from the exploded cartridge ejects the empty shell, cocks the hammer and throws a fresh cartridge into the chamber. 20 inch round barrel, plain walnut stock and forearm.

MODEL 1902

WINCHESTER
TRADE MARK
MODEL 1902

MODEL 1903

WINCHESTER
TRADE MARK

Blued Trimmings, open front and rear sights; weight, 5¾ pounds Price, \$16.88 net.

Fancy walnut stocks and forearms, and plain or fancy walnut pistol grip stocks, checked or unchecked, are the only variations from standard that will be furnished, and carry the same prices as on other models.

For extras on rifles, see page 169.

MODEL 1906 .22 CALIBRE REPEATING RIFLE WINCHESTER

This is a lightweight, take down repeating rifle similar in appearance to the Winchester Model, 1890, but shooting .22 short cartridges only. It has a 20-inch round barrel fitted with a Sporting front sight and adjustable open rear sight; measures 36 inches over all. The magazine holds 15 cartridges. The rifle can be furnished in this style only.

Weight, 5 poundsPrice, \$8.50 net.

MARLIN FEATHERWEIGHT

These repeaters are chambered to take both .22 Short and .22 Long Rifle, but as sent out will handle only the .22 Short through the magazine and carrier. If one wishes to use the .22 Long Rifle an extra carrier will have to be substituted to interchange with the carrier for shorts. These carriers may be interchanged at will, without tools and in a moment's time. While the rifle with short carrier will not work any other length through the action and the rifle with long-rifle carrier will not repeat with the short cartridges, all of these rifles can be used, single shot, with the various short, long and long rifle cartridges. Capacity of magazine—14 .22 short cartridges, with one in the chamber, gives 15 shots without reloading. Frames are blued. Butt plates are steel, blued finish. Pistol grips cannot be furnished. Half octagon barrels cannot be furnished. Length over all, 36 inches; with buttstock removed, 26 $\frac{1}{4}$ inches; length of butt, 13 inches; drop at comb 1 $\frac{1}{8}$ inches, drop at heel 2 $\frac{1}{2}$ inches. Extras, such as selected wood, special finish, checking, engraving, plating, etc., can be furnished. Barrels can only be furnished 20 inches long.

Rifle with round barrel, weight 3 $\frac{3}{4}$ lbsPrice, \$9.50 net.

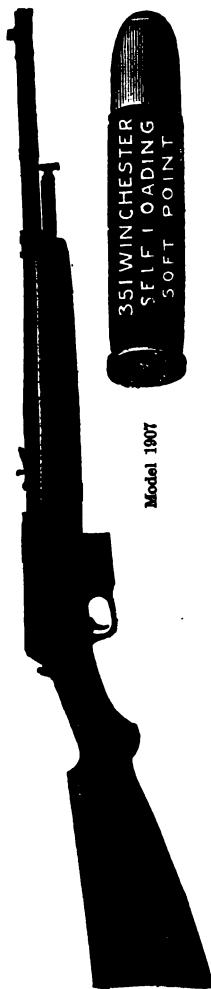
Rifle with octagon barrel, weight 3 $\frac{3}{4}$ lbs...Price, \$9.25 net.

Extra carriers for .22 long or .22 long rifle cartridges, Price, \$2.00 each.



WINCHESTER 1907 MODEL SELF-LOADING

.351 Caliber High Power.



The great success achieved by the Winchester Model 1905 Self-Loading Rifle, made in .32 and .35 calibers, resulted in many requests for a gun of the same type adapted to a more powerful cartridge. This has led to the introduction of the new Winchester High Power Model 1907. This rifle shoots a cartridge of .351 caliber, with 180 grain bullet, having a muzzle velocity of 1861 feet per second. It will penetrate a steel plate one-quarter of an inch thick or twenty-six $\frac{7}{8}$ -inch dry pine boards, when used with metal patched bullets; and thirteen $\frac{7}{8}$ -inch dry pine boards, when used with soft point bullets. This cartridge represents the latest development in cartridge manufacture and in powder. Though quite small in size it is powerful enough for the largest of game.

It has the Winchester Model 1905 Self-Loading system, which is simple and strong and has demonstrated its absolute positiveness and durability during two years' service in the hands of users. It holds six shots, five of which are loaded into the magazine. This magazine is detachable and can be inserted in the gun when the bolt is closed, making it quick, safe and handy.

The detachable magazine in a rifle of this type has many advantages. It permits carrying extra loaded magazines, by means of which rapid and continuous fire can be maintained, and also makes it unnecessary to work the cartridges through the gun in unloading. The empty shells are ejected from the side. The working parts of this gun are few and strong. There are no moving projections on the outside of the gun to catch in the clothing or tear the hands, and no screws or pins to shake loose. The barrel is stationary, like that of an ordinary rifle, and the sights are attached directly to the barrel, which is essential for accuracy.

In using the Winchester Self-Loading Rifle, it is necessary to pull the trigger for each shot. The gun is provided with a trigger lock, allowing it to be carried with the hammer at full cock.

Length over all, 38 inches. Pistol grip stock. Rubber butt plate. Length of stock, $13\frac{7}{8}$ inches. Drop, $1\frac{3}{4}$ inches at comb, $2\frac{3}{4}$ inches at heel. 20-inch round nickel steel barrels only.

Weight, $7\frac{3}{4}$ lbs.....Price, \$18.90
Extra magazine.....Price, 1.50

CONDENSED PRICE LIST OF WINCHESTER RIFLES

MODEL AND STYLE	Carbine Round Barrel	Rifle Octagon Barrel	Rifle Round Barrel
Model 1873			
All Calibres	\$11.23	\$12.50	\$11.55
Model 1886			
.33 W. C. F.			18.00
.33 W. C. F. "Take Down"			21.60
.45-70 Extra Light			18.00
.45-70 Extra Light "Take Down"			21.60
All Other Calibres	13.68	15.12	14.04
All Other Calibres "Take Down"		18.00	18.00
Model 1890			
.22 Calibre, "Take Down"		10.25	
Model 1902			
All Calibres	11.23	12.50	11.55
All Calibres, "Take Down"		16.04	16.04
Model 1894			
.32-40 and .38-55	11.23	12.50	11.55
.25-35 and .30 Win.	13.47	14.75	14.75
.32-40 and .38-55, Extra Light		14.75	14.75
.25-35 and .30 Win., Extra Light		17.95	17.95
.32-40 and .38-55 "Take Down"		16.04	16.04
.32-40 and .38-55 "Take Down," Ex. Light ..		19.24	19.24
.25-35 and .30 Win., "Take Down"		17.95	17.95
.25-35 and .30 Win., "Take Down," Extra Light		21.17	21.17
.32 Win. Special	13.47	14.75	14.75
.32 Win. Special, "Take Down"		17.95	17.95
Model 1895			
.30 U. S. and .303 British	21.60		21.60
.35 W. C. F. and 1903 U. S. G.			21.60
.38-72 and .40-72		18.00	15.12
.405 W. C. F.			21.60
Model 1902			
.22 Single Shot			3.50
Model 1903			
.22 Automatic "Take Down"			16.04
Model 1904			
Thumb Trigger .22			3.00
Single Shot .22			4.75
Model 1905			
.32 Win. Self-Loading			17.95
.35 Win. Self-Loading			17.95
Model 1907			
.351 Win. Self-Loading			17.95

Octagon or half octagon barrels and full or half full magazines, same price. For extras on rifles, see page 169.

SIGHTS



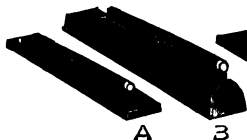
**SHEARD GOLD BEAD
HUNTING FRONT SIGHT**
for Winchester and Savage
Price, \$1.50 net



**SHEARD GOLD BEAD
SPORTING FRONT SIGHT**
for Winchester and Savage
Price, \$1.50 net



**SHEARD GOLD BEAD
"JACK SIGHT"**
for Winchester and Savage
Price, \$1.50 net



A

B



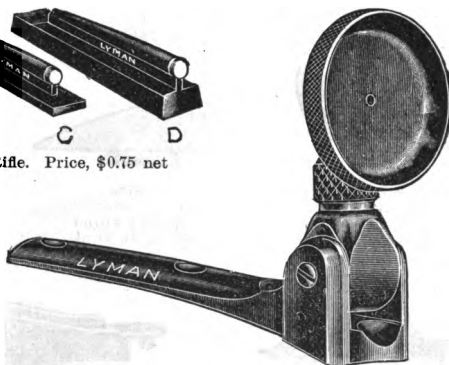
C

D

For Mannlicher and Mauser Rifle. Price, \$0.75 net



**LYMAN COMBINATION
REAR SIGHT** for Win-
chester and Savage Ri-
fle. Price, \$2.65 net.



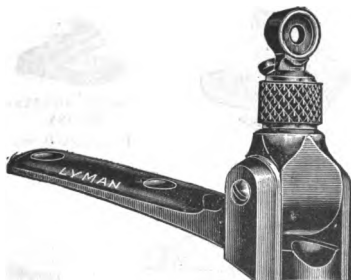
LYMAN COMBINATION REAR SIGHT
For Savage Rifles all calibres. Price, \$2.65 net



**LYMAN SLOT
BLANK**
Price, \$0.25

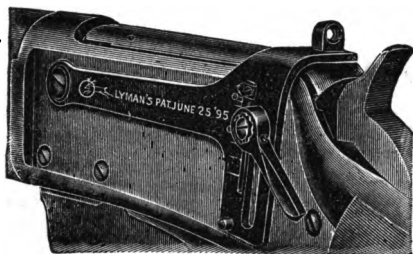


**SPIRIT
LEVEL**
Price, \$0.75 net



LYMAN COMBINATION REAR
For Savage Rifles all calibres
Price, \$2.25 net

SIGHTS



LYMAN RECEIVER SIGHT
For Winchester and Savage. \$2.65 net



**LYMAN COMBINATION
REAR SIGHT**
For Winchester
Price, \$2.25 net



**FLAT TOP SPORTING
REAR SIGHT**
Front View
Price, \$0.75 net



**Side
ROCKY MOUNTAIN
FRONT SIGHT**
Price, \$0.50 net



**LYMAN IVORY BEAD
Front Sight for Model
1895 .30 Calibre**
Price, \$0.50 net



.32 WINCHESTER SPECIAL REAR SIGHT
Price, \$1.95 net



**LYMAN FOLDING
LEAF**
Price, \$0.75 net



**LYMAN HUNTING
FRONT**
Price, \$0.50 net



**LYMAN IVORY
BEAD**
Price, \$0.75 net



LYMAN "JACK"
Price, \$0.75 net



KNIFE BLADE FRONT SIGHT
German Silver or Ivory
Price, \$0.50 net



**SPORTING FRONT
SIGHT**
Price, \$0.80 net



**LYMAN IVORY COMBINATION
FRONT SIGHT**
Price, \$0.75 net



EXTRAS FOR WINCHESTER RIFLES

Any deviation from standard styles and sizes involves a large proportional outlay for hand work and, when ordered, will be subject to the following charges:

For additional length of Rifle Barrels, except Model '95, per inch, \$1.00
 For additional length of Rifle Barrels, Model 1895, .38 and .40 cal., per inch50

(Barrels cannot be furnished longer than 36 inches.)

Extra Heavy Barrels, Models 1873 and 1886, round or octagon...	4.00
Engraving, according to style and quality.....	\$2.50 to 250.00
Silver plated Trimmings	4.00
Gold Plated Trimmings	10.00
Interchangeable Barrels for Models 1886, 1892, 1894, take down..	10.00
Special Butt Stocks, differing in size from standard.....	10.00
Fancy Walnut Stock and Forearm.....	5.00
Fancy Walnut Stock and Forearm, checked.....	10.00
Checking Butt Stock and Forearm.....	5.00
Pistol Grip Stock	2.50
Pistol Grip Stock and Forearm, checked.....	5.00
Fancy Walnut Pistol Grip Stock and Forearm, checked.....	15.00
Swiss Butt Plates	2.00
Cheek Piece on Fancy Stock.....	4.00
Leaving off Rear Sight Slot or changing position of Rear Sight..	1.00
Blank Piece to fill Rear Sight Slot.....	.25
Screw Eyes, with swivel snap hooks and sling.....	1.50
Sling Strap .....	.50
Matting Barrels	5.00
Extra Finished Plain Stock	2.00

EXTRAS FOR SAVAGE RIFLES

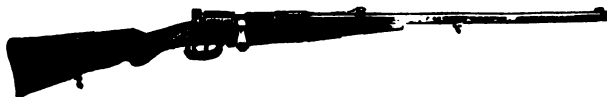
MODEL 1899

Extra length barrels (not made larger than 30 inches) over standard, per inch	\$1.00	Fancy Checking, Stock and Forearm	5.00
Fancy American, Walnut Stock and Forearm.....	5.00	Matted Barrels	5.00
Fancy English, Walnut Stock and Forearm.....	10.00	Extra Finish on Plain Stock	2.00
Fancy Circassian, Walnut Stock and Forearm.....	15.00	Leaving off Rear Sight Slot.	1.00
Plain Checking, Stock and Forearm	2.50	Changing Position Rear Sight	1.00
		Pistol Grip	2.50
		Cheek Piece	6.00
		Altering Length or Drop of Butt	10.00
		Swivels and Sling Strap....	1.00

MODEL 1903

Fancy American Walnut Stocks	5.00	Engraving	5.00
Checking Butt	5.00	Extra magazines, each .....	.25
All other extras same as for		Model 1899.	

MANNLICHER (HAENEL) REPEATING RIFLE



This rifle represents the best of the breach bolt system, modern high power weapon. The action is ease and simplicity itself, and the strength and rigidity of the breach, combined with a positive firing and extracting mechanism, has led experts the world over to commend this as the safest, strongest and most powerful of rifles. The barrels are perfection, and their accuracy in long-range shooting is marvelous. Has a positive safety adjustment by which breach bolt is absolutely locked. Can be used as a repeater or single shot. For big game hunting, especially when a combination of long range, low trajectory, fine sighting and great shocking power is desired, the 9 mm. rifle stands first, without a question. The cartridges, soft point or metal jacket, containing 44 grains of smokeless powder and a 280-grain ball, develop a velocity of 2,000 feet per second, and a point blank range of 300 yards.

9 MM. OR .354 CALIBRE.

Half octagon barrels, 26 and 28 inch; raised matted rib, all bright parts matted, set trigger, double reversible front sight, sling swivels, checked pistol grip, extra fine finish; number of shots, 5; weight, 7½ lbs.

Price, \$50.00 net.

SAVAGE HAMMERLESS FEATHERWEIGHT



Shot-gun butt, Rubber butt plate, round barrel 20 ins. long, metal bead front sight brazed on the barrel, Savage micrometer rear sight, made in .25, .38-55 and .30-30 calibres.

Weights 6 lbsPrice, \$21.00 net.

SAVAGE HAMMERLESS TAKE-DOWN

The operation is very simple, and is done by removing the forearm in the same manner as is done on a double barrel shot gun, turning the barrel a quarter turn and removing. The forearm is then replaced on the barrel in the usual manner. Can be had in the following calibres: .25-35; .30-30; .303; .32-40; and .38-55.

26 ins. round barrel weighs 7¾ lbs. 22 inch round barrel weighs 7¼ lbs.
Price \$20.00 net.

SHOT GUNS



We are carrying guns made especially for us by the Tobin Arms Company which we highly recommend as the very best guns on the market for the money. Only the very best material is used. Steel drop forgings in frames and all parts of action, and tempered spring steel in hammers, sears, springs and locking bolts. Stocks are made from fine grain, imported walnut. Barrels of Trojan nitro steel in cheaper grades and Krupp fluid steel in better grades, and all parts are interchangeable. Fancy guns carried in stock.

No. 02. Plain finish, case hardened frame, checkered half-pistol grip, imported walnut stock, rubber butt plate, Trojan nitro steel barrels, right barrel modified choke, left barrel choke bored.

12 gauge, weighs $6\frac{3}{4}$ to $7\frac{3}{4}$ lbs., with barrels 26 to 32 ins. long.

16 gauge, weighs $6\frac{1}{4}$ to $7\frac{1}{4}$ lbs., with barrels 26 to 30 ins. long.

Price\$25.00 net.

No. 03. Engraved case hardened frame, engraved blued trimmings, checkered half-pistol grip, figured imported walnut stock, rubber butt plate, Krupp fluid steel barrels, right barrel modified choke, left barrel choke bored.

12 gauge, weighs $6\frac{3}{4}$ to $7\frac{3}{4}$ lbs., with barrels 26 to 32 ins. long.

16 gauge, weighs $6\frac{1}{4}$ to $7\frac{1}{4}$ lbs., with barrels 26 to 30 ins. long.

Price\$37.50 net.

No. 12. Special trap gun; finely finished; frame and trimmings case hardened and finished dull black, with hand line engraving, dark figured fancy imported walnut stock. Straight, half or full pistol grip. Krupp Fluid Steel barrels. Right barrel, modified choke; left barrel, choke bore.

12 gauge, weighs 7 to $7\frac{3}{4}$ lbs., with barrels 28 to 32 ins. 16 gauge weighs $6\frac{1}{4}$ to $7\frac{1}{4}$ lbs., with 26 to 30 inch barrels.

This gun will be made to order to suit customers. Price.. \$53.50 net.

No. 54. Featherweight Gun; extra fine finish; case hardened frame, fancy hand engraving; engraved blue trimmings; selected imported walnut stock. Half or full pistol grip, rubber butt plate, Krupp Fluid Steel barrels. Right modified choke. Left choke bored. 12 gauge weighs $6\frac{1}{4}$ to $7\frac{1}{4}$ lbs., with barrels 26 to 30 ins. long, 16 gauge weighs 6 to 7 lbs., with barrels 26 to 30 ins. long. This grade can be furnished to order, special boring if required.

Price\$49.00 net.

Automatic ejector, extra, on any of the above..... 13.50 net.

PARKER HAMMERLESS SHOT GUN



QUALITY C. H.—Fine Bernard or Titanic steel barrels. Fine imported walnut stock, silver shield, fine checking and engraving, skeleton butt plate, straight or pistol grip; Nos. 10, 12, 14, 16, 20, or 28 gauge..... \$112.50

QUALITY D. H.—Fine Damascus or Titanic steel barrels. Fine imported stock, silver shield, fine checking and engraving, skeleton butt plate, straight or pistol grip; Nos. 10, 12, 14, 16, 20 or 28 gauge..... 75.00

QUALITY E. H.—Fine Damascus steel barrels. Fine figured American or imported stock, checked and engraved, straight or pistol grip, hard rubber butt plate; No. 10 gauge..... 63.75

QUALITY G. H.—Fine Damascus steel barrels. Fine figured American or imported stock, checked and engraved, straight or pistol grip, hard rubber butt plate; Nos. 12, 14, 16, 20 or 28 gauge..... 60.00

QUALITY N. H.—Fine English twist barrels. Fine American stock, checked and engraved, straight or pistol grip, hard rubber butt plate; No. 10 gauge..... 52.50

QUALITY P. H.—Fine English twist barrels. Fine American stock, checked and engraved, straight or pistol grip, hard rubber butt plate; Nos. 12, 14, 16 or 20 gauge..... 48.75

QUALITY V. H.—Vulcan steel black barrel. American stock, checked and engraved, straight or pistol grip, hard rubber butt plate; Nos. 12, 16, 20 or 28 gauge..... 37.50

Length of barrels for No. 12 gauge, 28, 30 and 32 ins. Weights, 7½ to 9 lbs. Drops, 2¼ to 3¼ ins. Length of stock, 14 to 14½ ins.

No other weights, drops, etc., made on this grade without extra charge. Smaller gauges made in all weights.

Weight, 12 bore, 7 to 9 lbs.; 16 and 20 bore, 5¾ to 7½ lbs.; 10 bore, 7¾ to 10½ lbs. Length of barrels, 28 to 32 ins. "Drop" of stock, 2 to 3 ins. "Stocks" (measured from center of front trigger to center of butt plate), 14 to 14½ inches. We can make shorter or longer barrels and different stocks to special orders and prices, according to extra amount of labor. Send for full catalogue.

THE WINCHESTER "PUMP" GUN



WINCHESTER "TAKE DOWN" SHOTGUN
MODEL 1897. 12 AND 16 GAUGE

This gun, which has attained a wonderful popularity, is the hardest shooter and will kill at greater range than any other gun made. The barrels receive a proof test more severe than that employed by the English Government, and, together with the breech mechanism, is designed especially for heavy charges of nitro powders. For goose, brant, duck or trap shooting, where close pattern and great penetration is desirable, it has no equal. All standard guns are finished with full choked barrels, but cylinder bore or modified choke will be furnished without extra charge.

The standard stock will be $13\frac{3}{4}$ inches long, $1\frac{5}{8}$ inches drop at comb, and $2\frac{1}{2}$ inches drop at heel. Model 1893 stocks will be furnished if desired. They measure 13 inches long, $1\frac{3}{4}$ inches drop at comb, and $2\frac{3}{4}$ inches drop at heel. Any variation in length or drops will be charged extra.

Standard Gun, 6 shots, 12 gauge, 30 or 32 inch barrels, plain walnut stock, pistol grip, ribbed forearm; weight, $7\frac{3}{4}$ lbs.	Price, \$20.00 net.
Standard Gun, "Take Down," 12 gauge.....	Price, 21.60 net.
Standard Gun, "Take Down," 16 gauge, 28 in. barrel..	Price, 21.60 net.
"Brush" Gun, 5 shots, 12 gauge, 26 inch barrel cylinder, modified or full choke, $13\frac{1}{2}$ inch stock, $2\frac{1}{2}$ inch drop; weight, 7 lbs.	Price, 20.00 net.
"Brush" Gun, "Take Down," 6 shots, 12 gauge; weight, $7\frac{1}{4}$ lbs.	Price, 21.60 net.
"Trap" Gun, "Take Down," 6 shots, 12 gauge, 30 inch barrel, selected walnut, hand-made, oil-finished stock (any length or drop); straight grip, checked; checked rubber butt plate, fancy walnut forearm, finely checked; weight, $7\frac{3}{4}$ lbs.	Price, 37.60 net.
"Pigeon" Gun	Price, 80.00 net.

EXTRAS

Fancy Walnut Stock and Forearm, not checked.....	\$10.00 net.
Checking, Stock and Forearm.....	5.00 net.
Extra Length or Drop of Stock, to order.....	10.00 net.
Rubber Butt Plate, attached to gun.....	1.50 net.
Rubber Butt Plate, separate.....	.75 net.
Three Blade Damascus Barrels (additional).....	15.00 net.
Four Blade Damascus Barrels (additional).....	20.00 net.

COLT AUTOMATIC PISTOLS

POCKET MODEL



The action of this pistol is automatic—the only manipulation necessary by the shooter is to pull the trigger. It can be fired at the rate of five shots per second, the cartridges being automatically supplied from a magazine inserted in the handle. After a loaded magazine is inserted, the movable sleeve covering the barrel is drawn back by hand, which throws the first cartridge into the chamber. This is only necessary for the first shot. When the pistol is fired the recoil is utilized to eject the empty shell, throw a new cartridge into the chamber and cock the arm. As the recoil is all taken up by being used to work the mechanism, and the moving parts all work laterally in the line of fire, greater accuracy is possible with the Colt than with any other form of pistol. Has a positive safety locking device and a safety release in the handle, making it impossible to discharge the weapon unless it is grasped firmly in the hand. It is hammerless, there are no projecting knobs or protuberances to catch in the clothing, and its flat, compact shape makes it by far the best and safest pocket pistol made.

.32 Calibre, length of barrel 4 inches; length over all, 7 inches;
number of shots, 8; blued finish; weight, 23 ozs....Price, \$15.00 net.
Extra MagazinePrice, 1.00 net.

SPORTING MODEL

Constructed upon the same principle as the pocket model, but with outside, round-head hammer, and without the safety attachments, which are unnecessary in this style of arm. Made slightly heavier in pattern and with either 4½ or 6 inch barrel. Number of shots, 7; weight, with 6 inch barrel, 35 ozs., .38 calibre. Price, \$20.00 net.
Extra Magazine \$1.50 net.

MILITARY MODEL

In this model the slide remains open after the last shot, to indicate an empty magazine. To reload the arm while in this position, insert a loaded magazine, press down the slide stop and the slide slips forward, automatically throwing a cartridge into the chamber and the arm is ready to be fired. Has heavier handle than sporting model, with swivel ring for sling strap.



Length of barrel, 6 inches; number of shots, 8; weight, 37 ozs.,
38 calibrePrice, \$21.00 net.
Extra MagazinePrice, 1.50 net.



COLT'S 45 CALIBRE AUTOMATIC PISTOL

The action of this pistol is same as .38 calibre, military model, automatic. Capacity of magazine 7 shots, length of barrel 5 inches, weight 32½ ozs. Length over all, 8 inches. Price, \$22.00 net.

Extra magazine, \$1.50 net.



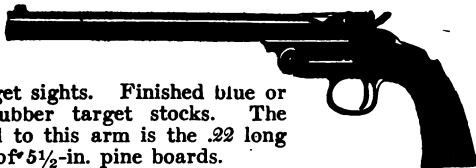
THE LUGER AUTOMATIC PISTOL

Constructed on the principle of the famous Maxim gun, and capable of firing over one hundred shots per minute. It automatically reloads and cocks itself as long as a cartridge is left in the magazine, and is so constructed as to be absolutely safe against accidental discharge at all times. The construction is such as to prevent the escape of any gases backward from the chamber, thus securing even and uniform pressure upon the bullet and great accuracy.

Calibre .30, length of barrel, 4½ ins.; weight, 41 ozs.; number of shots, 8; maximum range, 2,000 yds. Price, with extra magazine	\$25.00 net.
Calibre .354 (9 mm.), length of barrel, 4 ins.; weight, 40 ozs.; number of shots, 8; range, 1,500 yds. Price, with extra magazine	25.00
Extra magazines; each.....	1.50

SMITH & WESSON SINGLE SHOT PISTOL

This excellent arm for small game is made with automatic shell extractor, rebounding lock and target sights. Finished blue or nickel-plated. Black rubber target stocks. The ammunition best adapted to this arm is the .22 long rifle, with a penetration of 5½-in. pine boards. Length of barrel, 10 ins.; weight, 25 ozs.; price.....\$15.00 net.

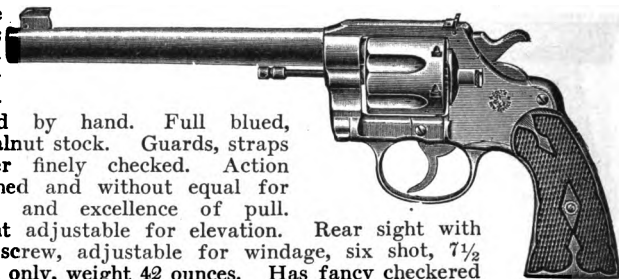


COLT'S "NEW SERVICE" TARGET DOUBLE ACTION

Same style as New Service, only more finely

finished by hand. Full blued, checked walnut stock. Guards, straps and trigger finely checked. Action hand finished and without equal for smoothness and excellence of pull.

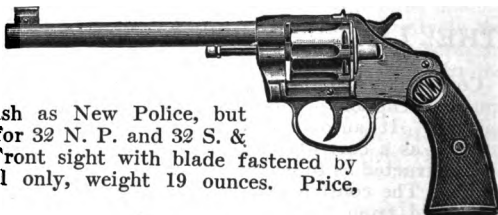
Front sight adjustable for elevation. Rear sight with adjusting screw, adjustable for windage, six shot, $7\frac{1}{2}$ inch barrel only, weight 42 ounces. Has fancy checkered wooden handles. Price, \$27.00 net. Only calibre 44 Russian.

**COLT'S "NEW ARMY" OFFICERS' MODEL, DOUBLE ACTION**

Exactly same style and finish as New Service Target. .38 calibre only, 6 inch barrel, weight 33 ounces. Price, \$18.50 net.

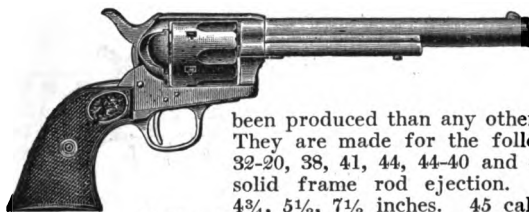
COLT'S "NEW POLICE TARGET DOUBLE ACTION

Same style and finish as New Police, but with block rear sight, for 32 N. P. and 32 S. & W. cartridge only. Front sight with blade fastened by screw. 6 inch barrel only, weight 19 ounces. Price, \$15.50 net.

**COLT'S MARINE CORPS MODEL DOUBLE ACTION .38 CALIBRE**

Adopted by the U. S. Govt. for the Marine Corps and mechanically the same as New Army and New Navy. Jointless, solid frame, simultaneous ejection, six shots, length of barrel 6 inches only, finish full blue or full nickel, checked walnut stocks. Length over all, $10\frac{3}{4}$ inches. Weight, $32\frac{1}{2}$ ozs. Price, \$15.50 net.

COLT'S SINGLE ACTION ARMY



For over half a century this arm has seen more actual service and more of them have

been produced than any other revolver ever made. They are made for the following cartridges: .32, .32-20, .38, .41, .44, .44-40 and .45 calibres, six shots solid frame rod ejection. Length of barrels, 4 $\frac{3}{4}$, 5 $\frac{1}{2}$, 7 $\frac{1}{2}$ inches. .45 calibre 4 $\frac{3}{4}$ inch barrel,

length over all 10 $\frac{1}{2}$ inches. Weighs 37 oz. Price, \$15.50 net.

COLT'S "POLICE POSITIVE" DOUBLE ACTION 38 CALIBRE



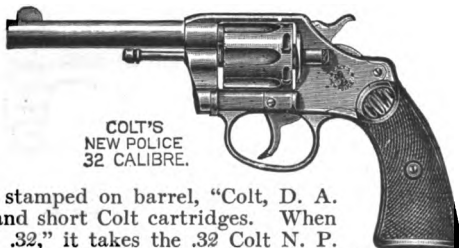
This revolver is equipped with a positive lock, preventing the firing pin from coming in contact with the cartridge. As a large calibre pocket model it has no equal. 4 and 6 inch barrel, finish blue or nickel. Weight, 4 inch barrel, 20 oz. Weight, 6 inch barrel, 21 $\frac{1}{4}$ oz.

Price, \$14.00 net.

COLT'S "NEW POLICE" POSITIVE DOUBLE ACTION

.32 Calibre, Central Fire

This revolver has been adopted by the New York Police, which is sufficient guarantee of its effectiveness and reliability.



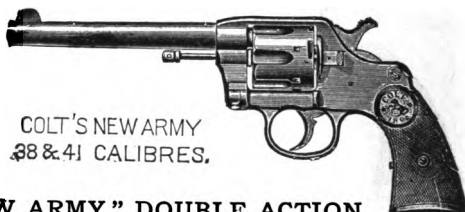
When this revolver is stamped on barrel, "Colt, D. A. .32," it takes the .32 long and short Colt cartridges. When stamped "Colt New Police .32," it takes the .32 Colt N. P. cartridge (a special cartridge) and the .32 S. & W. long and short. 2 $\frac{1}{2}$, 4 and 6 inch barrel, finish, blue or nickel; weight, 17 ozs.

Price, \$14.00 net.

COLT'S "NEW NAVY" DOUBLE ACTION**.38 and .41 Calibre. Central Fire.**

Adopted by the United States Navy. Jointless solid frame and simultaneous ejection, 3, 4½ and 6 inch barrel, rubber handle, blue or nickel finish; weight, 2 lbs.

Price, \$14.00 net.



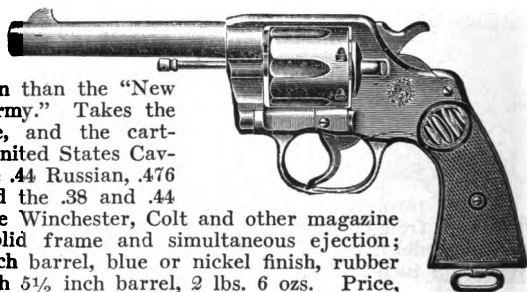
COLT'S NEW ARMY
.38 & .41 CALIBRES.

COLT'S "NEW ARMY" DOUBLE ACTION**.38 and .41 Calibre**

Adopted by the Ordnance Bureau, United States Army. Jointless, solid frame and simultaneous ejection, 3, 4½ and 6 in. barrel, blue or nickel finish; weight, 2 lbs. Price, \$14.00.

COLT'S "NEW SERVICE"**Double Action**

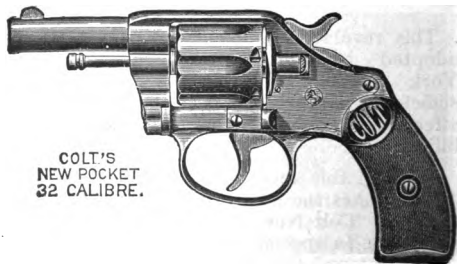
Of heavier pattern than the "New Navy," or "New Army." Takes the .45 Pistol cartridge, and the cartridge used by the United States Cavalry. Also takes the .44 Russian, .476 Eley, .450 Eley, and the .38 and .44 cartridge used in the Winchester, Colt and other magazine rifles. Jointless, solid frame and simultaneous ejection; 4½, 5½ and 7½ inch barrel, blue or nickel finish, rubber handles; weight, with 5½ inch barrel, 2 lbs. 6 ozs. Price, \$16.75 net.



Pearl or Ivory Handles, engraving or carving furnished for any of above, prices quoted on request.

COLT'S "NEW POCKET" POSITIVE DOUBLE ACTION**.32 Calibre. Central Fire**

This is the best pocket revolver of small size made. Takes both .32 long Colt, .32 short Colt, .32 S. & W. short, .32 S. & W. long. Jointless solid frame and simultaneous ejection, full blued or full nickel plated, rubber stocks, weight, 2½ inch barrel, 16 ounces. Price, with 2½ inch and 3½ inch barrel, \$11.60 net; 6 inch barrel, \$13.00 net.



COLT'S
NEW POCKET
.32 CALIBRE.

NET PRICE LIST METALLIC PISTOL AND RIFLE CARTRIDGES

Rim Fire	Quantity of Powder grains	Weight of Bullet grains	Number in Box	Price per Box	Primed Shells per 1000
.22 B. B. Caps, Round Ball.....			100	16	
.22 L. C. B. Caps, Conical Ball....			100	20	
.22 Short	3	30	50	15	1.65
.22 Long	5	35	50	20	2.05
.22 Long Rifle	5	40	50	20	2.05
.22 Extra Long	7	40	50	30	2.45
.22 Winchester	7	45	50	30	2.45
.25 Short, Stevens	4 1/2	65	50	30	3.25
.25 Stevens	11	65	50	40	4.05
.32 Short	9	82	50	30	2.90
.32 Long	13	90	50	35	3.25
.38 Short	18	130	50	45	4.05
.38 Long	21	148	50	50	4.85

Center Fire	Quantity of Powder grains	Weight of Bullet grains	Number in Box	Price per Box	Primed Shells per 1000	Grooved Bullets per 1000	Patched Bullets per 1000
.22 Extra Long	8	45	50	50	7.30	2.05	
.25-20 Win. Model, 1892	17	86	50	65	7.30	3.25	
.25-20 Marlin	17	86	50	65	7.30	3.25	
.32 Smith & Wesson	9	85	50	45	4.85	2.45	
.32 Colt	12	90	50	50	5.25	2.45	
.32 Colt, New Police	13	98	50	50	5.25	2.45	
.32 Short	9	82	50	45	4.85	2.45	
.32 Long	13	90	50	50	5.25	2.45	
.32 Extra Long	20	105	50	70	6.45	2.85	
.32 Winchester	20	115	50	65	7.30	3.25	4.05
.32-20 Marlin	20	100	50	65	7.30	3.25	4.05
.38 Smith & Wesson	14	145	50	55	6.10	3.65	
.38 S. & W. Special.	21	158	50	65	7.30	3.85	
.38 Short	18	130	50	55	5.65	3.25	
.38 Long, Colts D.A.	19	150	50	57	6.10	3.65	
.38 Extra Long	38	160	50	90	8.90	4.05	
.38 Winchester	38	180	50	75	8.10	4.05	4.85
.41 Short, Colt, D.A.	14	160	50	60	6.10	3.25	
.41 Long, Colt, D.A.	21	200	50	70	6.45	4.85	
.44 Bull Dog	15	168	50	57	6.10	4.05	
.44 Webley	18	200	50	65	6.45	4.85	
.44 Colt	23	210	50	80	8.10	4.85	
.44 S. & W. American	25	205	50	75	6.87	4.85	
.44 S. & W. Russian	23	246	50	80	7.70	5.25	
.44 Winchester	40	200	50	75	8.10	4.85	5.65
.44 Long	48	250	50	120	11.30	7.30	
.45 Webley	20	230	50	80	7.70	4.85	
.45 Colt, Army D.A.	38	255	50	90	8.50	5.65	
.4 Smith & Wesson	30	250	50	100	8.50	5.65	

NET PRICE LIST METALLIC SPORTING AND MILITARY CARTRIDGES—CENTER FIRE

Calibre	Quantity of Powder grains	Weight of Bullet grains	Number in Box	Price per Box	Primed Shells per 1000	Grooved Bullets per 1000	Patched Bullets per 1000
.25-21 Stevens	21	86	25	40	13.35	3.25	
.25-25 Stevens	25	86	25	40	13.75	3.25	
.25-36 Marlin	36	86	20	50	12.15	4.05	
.28-30 Stevens	30	120	20	50	18.20	4.05	
.30-30 Win. & Marlin	30	160	20	55	14.55	4.85	
.32-40 Metal Patch	40	165	20	50	12.15		6.70
.38-55	48	255	20	55	14.55	7.70	
.38-56 Winchester ..	56	255	20	55	14.55	7.70	
.38-70 Winchester ..	68	255	20	60	19.40	7.70	
.38 Express	90	217	20	85	21.00	7.70	
.38-72 Winchester ..	72	275	20	55	19.40	8.10	
.40-50 Patched	50	285	20	60	16.15		8.90
.40-60 Winchester ..	62	210	20	55	16.15	6.45	
.40-65 Winchester ..	65	260	20	60	14.55	7.30	
.40-70 Patched	70	370	20	70	16.95		10.10
.40-70 Winchester ..	70	330	20	60	19.40	8.90	
.40-72 Winchester ..	72	330	20	60	19.40	8.90	
.40-60 Marlin	60	260	20	60	14.55	7.30	
.40-70 Ballard	70	330	20	70	15.35		9.30
.40-82 Winchester ..	82	260	20	60	19.40	7.30	
.40-75 Winchester ..	75	260	20	65	19.40	8.90	
.40-85 Ballard	85	370	20	85	21.00		10.10
.44-60 Patched	60	395	20	70	16.95		10.10
.45 Gov't Patched ..	70	405	20	60	17.80		10.50
.45 Gov't Patched ..	70	500	20	65	17.80		12.95
.45-70 Gould	70	330	20	60	17.80	8.90	
.45-70-350	70	350	20	60	17.80	7.70	
.45-60 Winchester ..	62	300	20	60	16.15	7.30	
.45-75 Winchester ..	75	350	20	60	16.15	7.70	
.45-90 Winchester ..	90	300	20	60	19.40	7.30	
.45-85 Winchester ..	85	350	20	60	19.40	7.70	
.45-82 Winchester ..	82	405	20	60	19.40	9.70	
.45-85 Winchester ..	85	300	20	65	19.40	8.90	
.45 Express	125	300	20	115	33.95	8.90	
.45-85 Marlin	85	285	20	65	17.80	7.70	
.50 Win. Ex. So....	95	312	20	70	18.60	7.30	
.50 Win. Ex. Hollow	95	300	20	70	18.60	8.90	
.50-110 Winchester ..	110	300	20	80	24.25	8.90	
.50-100-450 Win	100	450	20	80	24.25	9.70	10.50

For Smokeless Powder loads, see pages 185, 186.

NET PRICE LIST SMOKELESS PISTOL AND RIFLE CARTRIDGES RIM FIRE.

Caliber	Weight of Bullets Grains	Number in Box	Price per Box	Primed Shells per 1000	Bullets per 1000
.22 B. B. Caps, Round Ball.....		100	.20		
.22 L. C. B. Caps, Conical Ball.....		100	.25		
.22 Short	30	50	.15	1.65	1.25
.22 Short, Hollow Point	27	50	.20	1.65	1.65
.22 Long	35	50	.20	2.05	1.25
.22 Long, Hollow Point	32	50	.25	2.05	1.65
.22 Long Rifle, Greaseless Bullets....	45	50	.20		
.22 Winchester	45	50	.30	2.45	
.22 Winchester, Automatic		50	.30		
.22 Short	55	50	.30	2.90	

CENTER FIRE.

.22 Winchester, Single Shot.....	45	50	.65	7.30	2.05
.25-20 Winchester, Model '92 W.H.V..	86	50	.85		
.25-20 Winchester, Model '92.....	86	50	.75	7.30	3.25
.25-20 Winchester & Stevens, Single Shot	86	50	.85	9.70	3.25
*.30 Mauser, Automatic	86	50	1.05		
*.30 Luger, Automatic	93	50	1.25		
*9 m/m Luger, Automatic		50	1.25		
.32 Colt, Automatic	71	50	.70		
.32 Smith & Wesson.....	85	50	.50	4.85	2.45
.32 Smith & Wesson, Long.....	98	50	.55	5.50	2.85
.32 Colt	90	50	.55	5.25	2.45
.32 Colt, New Police.....	100	50	.55	5.25	2.45
.32 Long	90	50	.55	5.25	2.45
*.32 Winchester	115	50	.80	7.30	4.05
.32-20 Model '92, W. H. V.....	115	50	.85		
.38 Short	130	50	.60	5.65	3.25
.38 Colt, Automatic	130	50	1.05		
.38 Smith & Wesson	145	50	.60	6.10	3.65
.38 Smith & Wesson, Special.....	158	50	.75	7.30	3.85
*.38 Winchester	180	50	1.00	8.10	4.85
.38-40 Model 1892, W. H. V.....	180	50	1.05		
.38 Long Colt	150	50	.65	6.10	3.65
.38 Long Colt, Gallery	150	50	.65	6.10	3.65
.41 Long Colt	196	50	.80	6.45	4.85
.44 Smith & Wesson, Russian.....	246	50	.90	7.70	5.25
.44 S. & W. Russian, Gallery.....	115	50	1.00	7.70	6.10
*.44 Winchester & Marlin	200	50	1.00	8.10	5.65
.44-40 Model 1892, W. H. V.....	200	50	1.05		
.45 Colt	255	50	1.00	8.50	5.65
.45 Colt, Automatic	200	50	1.20		

Cartridges marked * have full metal patched or soft-point bullets

SMOKELESS RIFLE—CENTRE FIRE

Caliber	Weight of Bullet Grains	Number in Box	Price per Box	Primed Shells per 1000	Bullets per 1000
6 M/M U. S. Navy.....	112	20	.85	16.15	12.15
7 M/M Mauser—Spanish	175	20	.85	16.15	12.15
7.63 M/M Mauser—German	220	20	.85	16.15	12.15
8 M/M Mauser	236	20	.85	16.15	12.15
8 M/M Mannlicher	236	20	.85	16.15	12.15
8 M/M Mannlicher, Imported	236	25	1.25		
9 M/M Mannlicher	280	20	.95	18.20	14.55
9 M/M Mannlicher, Imported	280	25	1.38		
.25-25 Stevens	86	25	.45	13.75	4.05
.25-35 Winchester & Savage	117	20	.60	12.15	4.05
.30-30 Win. Marlin & Savage	170	20	.65	14.55	4.85
.30-30 Remington, Autoloading	170	20	.65		
.303 Savage	180	20	.65	14.95	8.50
.303 British	215	20	.85	16.15	12.15
.30 U. S. Army	220	20	.85	16.15	12.15
.30 U. S. G., Mod. 1903, Rimless.....	220	20	.95	18.20	12.15
.32 Winchester, Special	170	20	.65	14.55	6.70
.32 Remington, Autoloading	165	20	.65		
.32 Win., Self-loading	165	50	1.35		
.32-40 Metal Patch	165	20	.55	12.15	6.70
.33 Winchester, Soft Point	200	20	.85		
.35 Winchester, Soft Point	250	20	.95		
.35 Winchester, Self Loading	180	50	1.20		
.35 Remington, Automatic	200	20	.75		
.351 Winchester Self Loading	180	50	1.40		
.38-55	255	20	.70	14.55	8.50
.38-55 W. H. V.....	255	20	.80		
.38-70 Winchester, Metal Patch	255	20	.75	19.40	8.50
.38-72 Winchester, Metal Patch.....	275	20	.75	19.40	8.90
.40-60 Winchester, Metal Patch	210	20	.70	16.15	7.30
.40-70 Winchester, Metal Patch	330	20	.75	19.40	9.70
.40-72 Winchester, Metal Patch	300	20	.75	19.40	9.70
.40-82 Winchester, Metal Patch	260	20	.75	19.40	8.10
.405 Winchester, Soft Point	300	20	1.05		
.45-70 W. H. V., Soft Point	300	20	.75		
.45-70-405 Gov't Metal Patch	405	20	.72	17.80	10.50
.45-70-500 Gov't Metal Patch	500	20	.77	17.80	12.95
.45-90 Winchester, Metal Patch	300	20	.75	19.40	8.10
.45-90 W. H. V., Soft Point	300	20	.77		
.50-110 Win. Hollow Point.....	300	20	.95	24.25	9.70
.50-110 W. H. V., Soft Point	300	20	.95		
.50-110-450 Win. Metal Patch	450	20	.95	24.25	10.50

Any of the above furnished with soft point bullets except the short range cartridges. Soft point and full metal patch, same price.

SHOT CARTRIDGES—PISTOL AND RIFLE SIZES

RIM FIRE	Size of Shot	No. in Box	Price per Box
.22 B. B. Caps	12	100	.36
.22 Long	12	50	.25
.32 Long	10	50	.50
.32 Extra Long	10	50	.70
.38 Short	10	50	.70
.38 Long	10	50	.80
.44 Long	8	50	.90

CENTER FIRE.

.22 Winchester	12	50	.60
.32 Smith & Wesson	10	50	.40
.32 Short, Colts	10	50	.40
.32 Long, Colts	10	50	.45
.32 Winchester, Marlin & Colts, L. M. R.	10	50	.60
.38 Smith & Wesson	10	50	.50
.38 Short, Colts	10	50	.50
.38 Long, Colts	10	50	.55
.38 Extra Long	10	50	1.00
.38 Winchester, Marlin & Colts, L. M. R.	10	50	.70
.41 Long, Colts	10	50	.70
.44 Webley	8	50	.70
.44 Smith & Wesson, Russian	8	50	.80
.44 Smith & Wesson, American	8	50	.70
.44 Winchester, Marlin & Colt, L. M. R.	8	50	.70
.44 X. L.	8	50	.70
.45 Colt	8	50	1.00
.45 Smith & Wesson	8	50	1.00
.50 Pistol	5	50	1.20

MILITARY AND SPORTING SIZES.

CENTER FIRE.

.32-40 Winchester & Marlin	7	50	1.35
.38-56 Winchester & Marlin	7	50	1.55
.38-55 Winchester & Marlin	7	50	1.55
.40-65 Winchester & Marlin	7	50	1.55
.40-82 Winchester & Marlin	7	50	1.55
.45-75 Winchester	7	50	1.55
.45-90 Winchester	7	50	1.55
.45-40 Marlin	7	50	1.55
.45-70 Government	5	50	1.60
.50-55 Government Carbine	5	50	1.55
.50-70 Government	5	50	1.70
.50-95 Winchester	5	50	1.55
.50-110 Winchester	5	50	1.70

COMPARATIVE TABLE OF WINCHESTERS

MODEL.	Weight of Bullet, Grains	Velocity of Bullets Feet per Second	Penetration of Bul- lets in dry pine boards $\frac{3}{8}$ -inch thick at 15 feet from muzzle			100 Yard Trajectory Height at 50 Yards Inches	200 Yard Trajectory Height at 100 Yards Inches	300 Yard Trajectory Height at 150 Yards Inches
			Plain Lead	Soft Point	Metal Patched			
1890 .32 Win., R. F..	45	1137	7			4.05		
Lee 6 M/M U. S. N.	112	2500		12	60	.76	3.48	9.14
1892 .25-20 W. H. V.	86	1650		10	20	1.85	9.37	
1894 .25-35 W. C. F.	117	1925		11	36	1.32	6.21	16.61
1894 .30 W. C. F....	170	1885		12	35	1.37	6.35	16.93
1894 .32 Win., Spec.								
Smokeless	170	2000		12	37	1.23	5.95	16.25
1894 .32 Win., Spec.								
Black	170	1385	8½			2.72	11.32	28.33
Savage .303	180	1840		12	37	1.39	6.53	17.00
1895 .303 British	215	1960		13	56	1.23	5.52	14.08
1895 .30 U. S. Army.	220	1960		13	58	1.22	5.47	13.55
1895 .30 U. S. Mod.								
1903 Rimless	220	2250		14	72	.92	4.15	10.49
1892 .32-20 W. H. V.	115	1575		7	17	2.09	10.70	
1894 .32-40	165	1385	8½	8½	18	2.72	11.32	28.33
1886 .33 W. C. F....	200	2000		13	39	1.21	5.78	15.51
1895 .35 W. C. F....	250	2150		15	56	1.03	4.73	12.24
1905 .35 Win. Self								
Loading	180	1400		10	18	2.53	12.05	32.58
1907 .351 Win. Self								
Loading	180	1861		13	26			
1892 .38-40 W. H. V.	180	1700		10	20	1.80	9.46	
1894 .38-55	255	1285	9½	13½	17	2.97	12.92	31.98
1886 .38-70 Win.....	255	1449	10	12	19	2.58	10.58	27.17
1895 .38-72 Win.....	275	1443	16	15	25	2.24	10.58	27.67
1895 .40-72 Win., Blk.	330	1359	13			2.59	12.21	30.50
1895 .40-72 Win. Smo.	300	1386		14	22	2.43	11.63	28.54
1895 .405 W. C. F....	300	2150		13	48	1.04	4.86	12.82
1892 .44 Winchester.	200	1245	9	10	13	3.36	15.27	37.39
1892 .44-40 W. H. V.	200	1500		10	14	2.32	12.12	33.64
1886 .45-70-500 U. S.	500	1179	18	15	20	3.66	14.36	34.36
1886 .45-70-405 U. S.	405	1286	13	12	18	4.12	12.33	29.00
1886 .45-70 W. H. V.	300	1825		13	25	1.47	7.40	19.65
1886 .45-90 Winches- ter	300	1480	13	15	19	2.44	10.25	27.25
1886 .45-90 W. H. V.	300	1925		14	26	1.41	6.63	17.73
1886 .50-110 Win., Ex.	300	1536	11	12½	20	2.53	11.91	33.52
1886 .50-110 W.H.V.	300	2150		14	26	1.07	5.82	17.28
1896 .50-100-450 Win.	450	1383	16	14	20	2.85	11.94	30.69

LOADED PAPER SHOT GUN SHELLS

Prices for loaded shells are quoted per 1,000. Prices per 100, or per box of 25, are 5 per cent. in advance of the prices quoted per 1,000. To obtain the price per 100, divide the price per 1,000 by 10, then multiply by 1.05. To obtain price per box, divide price per 1,000 by 40, then multiply by 1.05. Special rates made on lots of 500. Prices on smaller lots strictly net. Hand-loaded shells of every description a specialty. Prices quoted on application.

NET BASE PRICE

From which the net price of any load in the following shells may be figured:

Winchester	"New Rival"
Union Metallic Cartridge.....	"New Club"

BLACK POWDER LOADS

10 Gauge, $3\frac{3}{4}$ drams powder, 1 oz. shot.....	Per 1,000, \$17.33
12 Gauge, 3 drams powder, 1 oz. shot.....	Per 1,000, 15.75
16 Gauge, $2\frac{3}{4}$ drams powder, $\frac{7}{8}$ oz. shot.....	Per 1,000, 15.75
20 Gauge, $2\frac{1}{2}$ drams powder, $\frac{7}{8}$ oz. shot.....	Per 1,000, 15.44
For lots less than 500 add 5 per cent	
For each $\frac{1}{4}$ dram of powder, add or deduct.....	.32
For each $\frac{1}{8}$ oz. shot, add or deduct.....	.63
For Buck or larger shot, add	1.26
For Chilled shot, add	2.84

NET BASE PRICE

From which the net price of any load in the following shells may be figured:

Winchester	"Repeater"
Union Metallic Cartridge	"Nitro Club"

SMOKELESS POWDER LOADS

10 Gauge, $3\frac{1}{4}$ drams powder, $1\frac{1}{8}$ oz. shot.....	Per 1,000, \$24.60
12 Gauge, 3 drams powder, 1 oz. shot.....	Per 1,000, 21.60
16 Gauge, $2\frac{1}{2}$ drams powder, 1 oz. shot.....	Per 1,000, 21.00
20 Gauge, 2 drams powder, $\frac{3}{4}$ oz. shot.....	Per 1,000, 19.20
For lots less than 500 add 5 per cent.	
For each $\frac{1}{4}$ dram powder, add or deduct.....	.60
For each $\frac{1}{8}$ oz. shot, add or deduct.....	.90
For Chilled B or Buck shot, add	1.50
Half sizes of shot, except No. $7\frac{1}{2}$, add	3.30
For comparative measures of smokeless powders, see page 186.	
Bulk powder will be loaded only by measure.	
Dense powder will be loaded only by weight.	

LOADED PAPER SHOT GUN SHELLS

BASE PRICE

From which the net price of any load in the following shells may be figured:

Union Metallic Cartridge....."Arrow" and "Trap"
Winchester "Leader," "Metal Lined," or "Pigeon"

SMOKELESS POWDER LOADS

10 Gauge, 3¼ drams powder, 1½ oz. shot.....	Per 1,000, \$28.73
12 Gauge, 3 drams powder, 1 oz. shot.....	Per 1,000, 24.11
16 Gauge, 2½ drams powder, 1 oz. shot.....	Per 1,000, 23.60
20 Gauge, 2 drams powder, ¾ oz. shot.....	Per 1,000, 22.06
For lots less than 500 add 5 per cent.	
For each ¼ dram powder, add or deduct.....	.51
For each ⅛ oz. shot, add or deduct.....	.77
For Chilled, B or Buck shot, add.....	1.29
Half sizes of shot, except No. 7½, add.....	3.84
For "Metal Lined," "Pigeon," or "Trap" Shells, add.....	4.11
For 12 Gauge Shells, 2⅞ inches long, or over, with special wadding, add	2.57
For 12 Gauge Shells, 2⅞ inches long, or over, with Pink Edge, White Felt, or Express wads, add .....	.57

COMPARATIVE MEASURES OF SMOKELESS POWDERS

Giving the equivalent of Black Powder in drams to Smokeless Powders in grains.

Black Powder	DuPont Hazards Dead Shot Alarm	L. & R. Infalible	E. O. No. 1 Troisdorf	New Schultze New E. C.	Rifleite	Ballistite	Walsrode
2 Drams	25	16	28	24	22	16	22
2¼ Drams	28	18	31½	27	24	18	24
2½ Drams	31	20	35	30	27	20	26
2¾ Drams	34	22	38½	33	30	22	28
3 Drams	37	24	42	36	33	24	30
3¼ Drams	40	26	45½	39	35	26	32
3½ Drams	43	28	49	42	38	28	38
3¾ Drams	46	30	52½	45	41	30	40
4 Drams	49	32	56	48	44	32	
4¼ Drams	52		59½				
4½ Drams	55		63				

CAUTION

Dense Smokeless Powders, such as "Infalible," "Rifleite," "Ballistite" and "Walsrode" *must not* be loaded by bulk. They should *always* be loaded by *weight* and not by measure.

Bulk powder will be loaded only by measure, not by weight.

THE ELTERICH RIFLED BULLET SHELL FOR SHOT GUNS

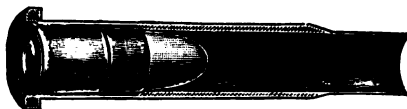


This is a brass shell, fitted with a rifle steel barrel, chambered for small cartridges. Simple in operation and very accurate. Carries handily in the pocket, and by its use your shotgun can be instantly converted into a rifle.

No. 4 made for 12 and 16 gauge shotguns, 6 inches long and to shoot the .32-20 Winchester and the .38 S. & W. Special cartridges.

Weight, $5\frac{1}{2}$ Price, \$3.50 net.

SUPPLEMENTAL CHAMBER



This device permits the use of popular pistol cartridges in rifles without change or readjustment except sights. The chamber is inserted in rifle the same as a cartridge and is extracted the same.

Made for use in the .30 Winchester, .30 Army, .303 Savage, .303 British; to shoot the .32 Short Colt and .32 S. & W. cartridges. For use in the .32 Winchester Special and .32-40 Winchester to shoot .32 Short Colt, and made for use in .35 Winchester to shoot .38 S. & W. or .38 Colt New Police and for .405 Winchester to shoot .41 Colt D. A. Short.

Price, 50c net.

THE IDEAL BROKEN SHELL EXTRACTOR

A broken shell in a rifle is a serious matter, and broken shells have increased with the use of smokeless powder. "The Ideal" will get it out. It is simple, strong and will last a lifetime. Made for the following rifles: .25-20 S. S., .25-20 Repeater, .25-35 Win., .25-36 Marlin, .32-40, .30-30 Win., .30-40 U. S., .32 Win. Special, .32-20, .303 Savage, .303 British, .32 W. H. V., .38-55, .45-70, 7 mm., 7.65 mm., 8 mm.

New sizes constantly being made. Price each..... \$0.75



SHOT

We carry a full line of Shot, both soft and chilled, and our prices are the same as "tower prices."

Owing to the frequent fluctuations in the price of Shot, however, we cannot catalogue prices with accuracy. Below is a table of size, weight and diameters. Prices on application.

AMERICAN STANDARD

Size of Shot	Diameter	No. to the oz.	
		Chilled	Soft
Dust .....	.04 inches	.....	4565
12 .....	.05 inches	2385	2336
11 .....	.06 inches	1380	1346
10 .....	.07 inches	868	848
9 .....	.08 inches	585	568
8 .....	.09 inches	409	399
7 .....	.10 inches	299	291
6 .....	.11 inches	223	218
5 .....	.12 inches	172	168
4 .....	.13 inches	136	132
3 .....	.14 inches	109	106
2 .....	.15 inches	88	86
1 .....	.16 inches	73	71
B .....	.17 inches	.....	59
B B .....	.18 inches	.....	50
B B B .....	.19 inches	.....	42
T .....	.20 inches	.....	36
T T .....	.21 inches	.....	31

COMPRESSED BUCKSHOT

No. 3 .....	.25 inches diameter.....	284 Balls to the lb.
No. 2 .....	.27 inches diameter.....	232 Balls to the lb.
No. 1 .....	.30 inches diameter.....	173 Balls to the lb.
No. 0 .....	.32 inches diameter.....	140 Balls to the lb.
No. 00 .....	.34 inches diameter.....	115 Balls to the lb.
No. 000.....	.36 inches diameter.....	98 Balls to the lb.

Approximate prices per lb.—Chilled, 7½c.; Soft, 6½c.

RELOADING SMOKELESS POWDER CARTRIDGES

These charges have been determined by exhaustive tests and experiments. *We do not, however, advise the loading or reloading, by individuals, of rifle and pistol cartridges with Smokeless or Black Powder for the reason that experience shows that satisfactory results cannot be thus obtained; and, therefore, we cannot guarantee rifles when hand loaded or reloaded Smokeless or Black Powder cartridges are used.*

Powder makers' instructions should be followed carefully, and the powder charges weighed accurately.

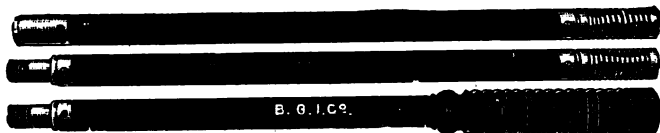
RIFLE CARTRIDGES

	No. 2 Du Pont, grains	30 Cal. Du Pont, grains	Laflin & Rand Sporting, grains	Laflin & Rand Sharpshooter, grains	Laflin & Rand Lightning No. 2, grs.		No. 2 Du Pont, grains	30 Cal. Du Pont, grains	Laflin & Rand Sporting, grains	Laflin & Rand Sharpshooter, grains	Laflin & Rand Lightning No. 2, grs.
25-20 W. C. F.....			6	3		33 W. C. F.....					29
25-20 Marlin.....			6	3		38-55.....			17	13	
25-20 Single Shot..			6	3		38-55 S. Range.....	10				
32 W. C. F.....	7		7	5		38-56 W. C. F.....			17	14	
32 Marlin Safety...	7		7	5		38-70 W. C. F.....			21	18	
38 W. C. F.....	13		14	11		38-72 W. C. F.....			21		
38 Marlin Safety...	13		14	11		40-65 W. C. F.....			20	17	
44 W. C. F.....	15		17	13		40-70 W. C. F.....			21	17	
44 Marlin Safety...	15		17	13		40-72 W. C. F.....			22		
25-35 W. C. F.....		21			17	40-82 W. C. F.....			23	20	
30 W. C. F.....		29				45-90 W. C. F.....			27	22	
30 W.C.F.S.Range..	9					45-90 W. H. V.....				33	
303 Savage.....		28				45-70 Model 1886....			23	20	
30 Army.....		34				45-70 W. H. V.....				30	
30 Army, S. Range.	11					45-70-330 Model '86			23	20	
32 W. Special.....					23	45-70-350 Model '86			23	20	
32-40.....			12	11		45-70-405 U.S. Gov.			23	20	
32-40 S. Range.....	10					50-110 W. H. V.....				40	

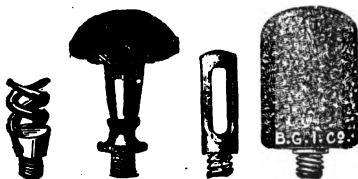
PISTOL CARTRIDGES

	No. 2 Du Pont grains	L. & R. Bull's-eye grains	L. & R. Sporting grains		No. 2 Du Pont grains	L. & R. Bull's-eye grains	L. & R. Sporting grains
32 S. & W.....	2	1	3	38 S. & W.....	3	2	5
32 S. & W Long...	3	2		38 Long, C. D. A....	5	3	7
32 Colt.....	2	1		38 W. C. F.....	14		14
32 Colt New Police	3	2	4	41 Long Colt, D. A..	6		
32 Short.....	2			44 W. C. F.....	16		17
32 Long.....	2	1	4	44 S. & W. Russian..	7	3	9

SHOT GUN CLEANING RODS



Three jointed wooden rod, 10 and 12 gauge.....Price, \$0.45 each, net.
 Three jointed wooden rod, 16 gauge.....Price, .50 each, net.
 Three jointed wooden rod, 24 and 28 gauge.....Price, .60 each, net.



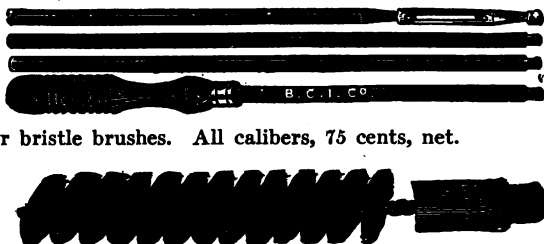
RIFLE CLEANING RODS

	Each.
Wiper for 10 and 12 gauge.....	\$0.06 net.
Wiper for 16 gauge.....	.07 net.
Wool swab for 10 and 12 gauge .....	.07 net.
Wool swab for 16 gauge..	.08 net.
Steel wire scratch brush for 10 and 12 gauge.....	.06 net.
Steel wire scratch brush for 16 gauge .....	.07 net.
Worms for rods .....	.10 net.

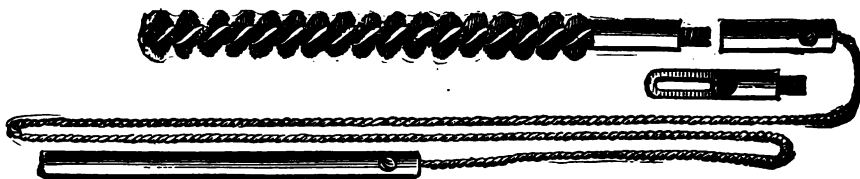
Four jointed brass rod, slotted and jagged, with revolving handle. Threaded tip to take brass or bristle brushes. All calibers, 75 cents, net.

Bristle brushes, all calibers, 25 cts. net.

Wire brushes, all calibers, 25c. net.

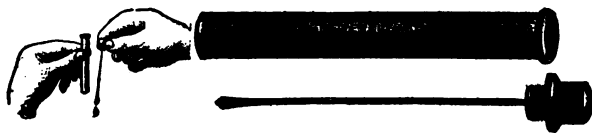


UNITED STATES GOVERNMENT RIFLE CLEANER



United States Government Rifle Cleaner is a tool which every sportsman and target shooter will appreciate. It consists of a bristle brush and slotted wiper, with detachable cord and weight for dropping through barrel. A separate slotted wiper is furnished for drawing through a dry cloth and for oiling purposes. All calibers, 50 cents net.

ONE DROP OIL CAN



As its name indicates, gives one drop only and just where wanted. Absolutely tight and will not leak. No waste and no wiping off superfluous oil. Can be carried in pocket or case without soiling other articles. Brass, nickel-plated.

3½ ins. long, weighs ½ oz.....Price, 10 cents net.

MANY USE OIL



This cut shows the handy receptacle in which is sold a most excellent oil known as "Many Use," and as far as we can determine is the equal of any oil we have tried for cleaning and oiling rifles, guns, revolvers, reels, etc. It positively will not gum and is cheaper and better than other such oils.

4 oz. sizePrice 15c.
6 oz. sizePrice 20c.
2 qt. size.....Price \$1.50

CEDAROLEUM GUN GREASE



A new, colorless grease. The best and surest rust preventive. Will not gum, harden or become rancid. Unequaled for rifle and gun barrels. Tubes have patent nozzles, enabling one to apply grease easily to parts usually inaccessible.

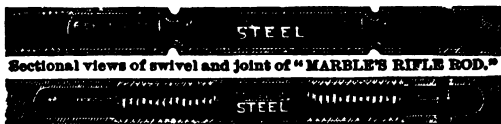
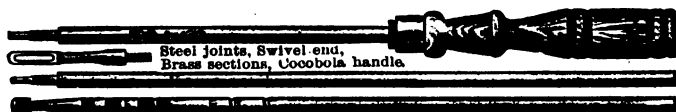
Weight, 2 ozs. Price, 15c net.

"3 in 1" OIL

The best for cleaning and oiling rifles, guns, revolvers, reels, bicycles, etc. Positively will not gum.

Small size, weight, 4 ozs.....Price, \$0.10 net.
Large size, weight, 8 ozs.....Price, .25 net.

MARBLE JOINTED RIFLE ROD



Made of brass in three sections, reinforced at joints by a long, neatly fitting steel dowel, which holds in such a way as to give special rigidity to the rod.

Fitted with cocobola wood handle and furnished with jagged and slotted detachable tips.

Price each (State caliber) \$1.00 net.

Marble New Pocket Cleaner in case, each \$1.50 net.

Marble Field Cleaner. The most durable of this style cleaner,
each75 net.

MARBLE RIFLE CLEANER



Made of soft brass gauge washers on a flexible steel spring core, thereby allowing it to follow the rifling and remove all leading, rust and caked powder without injuring the barrel.

Made with threaded end, also hole in each end, so that it may be used either on above rod or with a cord.

Price each, 50 cents net. Mention caliber.

MARBLE SHOTGUN CLEANER



THE SPRING TEMPERED SPIRAL STEEL CORE OF MARBLE'S CLEANERS

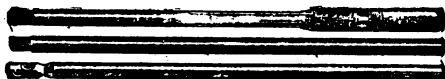
Made on same principle as rifle cleaner. All gauges, each, 75 cents.

SHOT GUN FIELD CLEANER

Made for shotguns on the principle of the U. S. Government Rifle Cleaner.

For 8, 10, 12, 14, 16 and 20 gauge.....Price, \$.75 each.

POWER GUN CLEANING ROD, WITH OIL CAN AND SCREW DRIVER COMBINED



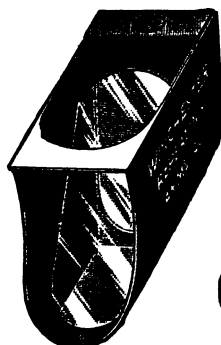
Made of Seamless Brass Tubing.....Each, \$1.50

THE TOMLINSON CLEANER

Fits all standard cleaning rods. Will clean entire length of barrels, notwithstanding the different chokes. Guaranteed to remove all lead, powder cake, etc. All gauges, \$1.00 each net. Extra brass wire sides, 10 cents net.

REVOLVER CLEANERS

- No. 1.—Brass rod, cocobolo handle and brass wire brush. The very best rod. All calibers.....Price, each, \$0.50 net.
 Extra brushes; brass or bristle.....Price, each, .25 net.
 No. 2.—Twisted Wire, bristle brush, wood handle..Price, each, .15 net.
 No. 3.—Twisted Wire, bristle brush, ring handle..Price, each, .10 net.



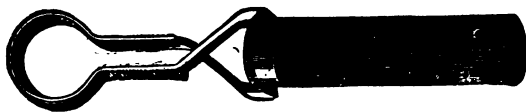
THE WINCHESTER BARREL REFLECTOR

For examining the inside of Winchester Barrels. Price, 50 cts. each.

When ordering, give model of rifle.

Not adapted to Model 1890.

THE McMILLAN EXTRACTOR



Instantly adjusted to any gauge by pressure of the fingers. The most convenient extractor made. Price, 25 cents.

HOLSTERS

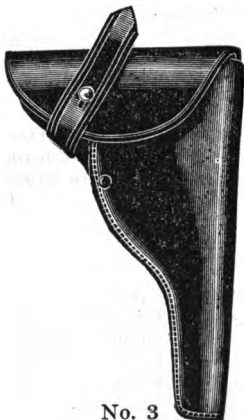
When ordering give make of weapon, caliber and length of barrel.



No. 1

No. 1. Plain Russet leather, with flap, for small pocket revolvers.

50 cents.



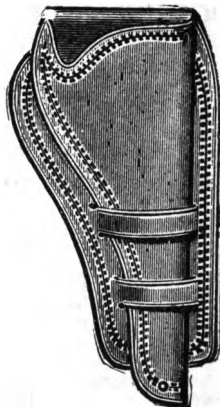
No. 3

No. 2. Heavy Russet leather, Mexican pattern.

\$1.00.

No. 3. Heavy black harness leather, for Luger pistol.

\$1.25.



No. 2

No. 4. Fine Indian tan leather, with flap, for Colt Automatic Pistol.

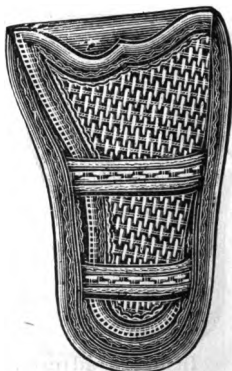
\$1.25.



No. 6

No. 5. Fine Russet leather, embossed basket pattern, Mexican style.

\$1.50.

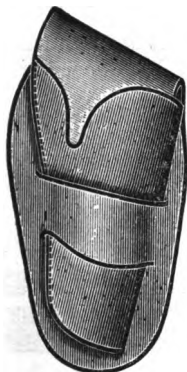


No. 5

No. 6. Finest Russet leather, heavily embossed leaf and scroll pattern, chamois lined, Mexican style.

\$1.75.

HOLSTERS



No. 7

No. 7. Heavy Russet Leather for Frontier Model Colt Revolvers. All calibers.

4½ in. to 6 in. barrel..... \$2.50
7½ in. barrel 3.25

No. 8. Same as above, for all calibers, double action.

4 in. to 6 in. barrel \$2.50
7½ in. barrel 3.25

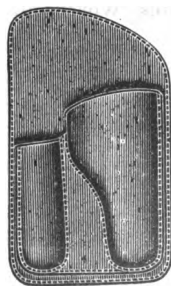


No. 9

No. 9. Fine Embossed Heavy Russet Leather, Buckskin stitched, for all calibers Colt D. A. revolvers, 5½ in. to 7½ in. barrels.

5½ in. barrel Price, \$2.25 net.
6 in. barrel Price, 2.50 net.
7½ in. barrel Price, 2.75 net.

No. 10. Pocket Holster for .32 Colt Auto. Block Pattern. Heavy Russet Leather with pocket for extra magazine. Price, \$1.25



No. 10

COMBINATION CARTRIDGE AND MONEY BELTS

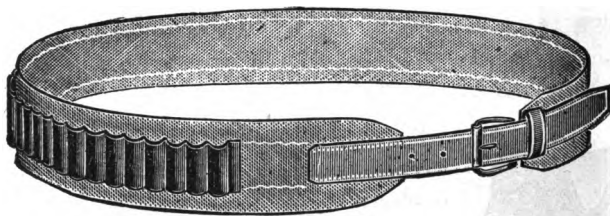


Especially fine, all hand work, made either of Indian tan or grain leather. Made to carry coin, bills or valuable papers in the pocket between the two thicknesses of leather; 3 inches wide and for all calibers of cartridges. Give waist measure when ordering. Price, \$4.00 net.

CARTRIDGE BOXES

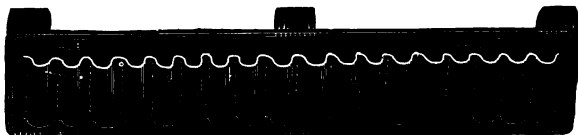
A waterproof leather box to carry on belt. The safest and best way to carry extra cartridges. Weight, 5 ozs. Price, \$1.00.

CARTRIDGE BELT



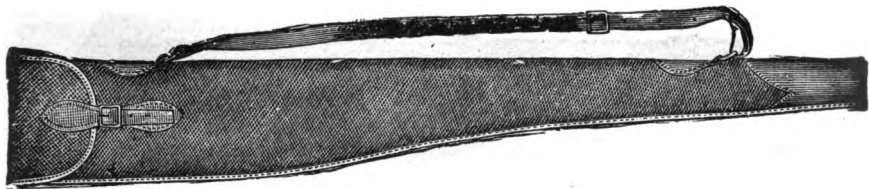
Russet leather, two inches wide, all calibers.....	\$0.75
Russet leather, for long rifle cartridges.....	1.00
Fine russet leather, hande made, all calibers, holds 20 cartridges..	2.00
Fine russet leather, bandolier style, hand made.....	2.50
Mills' Woven, all calibers, for rifles.....	1.50
Mills' Woven, all calibers, for shotguns.....	1.50

CARTRIDGE CARRIER LOOPS

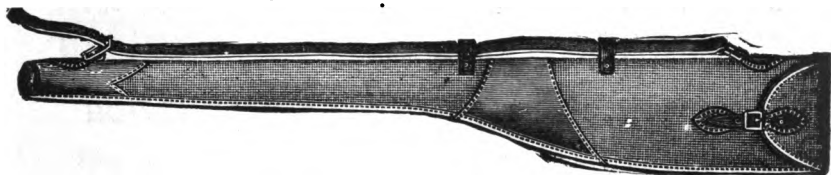


To slip on any plain belt, to make it into a cartridge belt. Furnished in any Rifle or Shotgun size; 9½ inches long; number of loops according to size of cartridge. Fine hand made. Price, 75 cents.

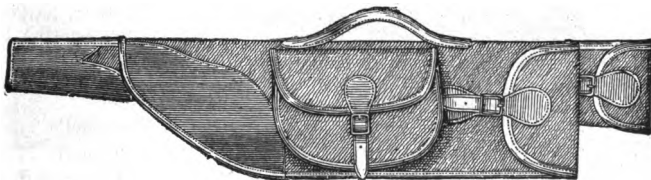
RIFLE AND GUN CASES



Style 1.—Rifle case made of Pantasote waterproof duck, reinforced leather end, with sling. Price, \$2.50.



Style 2.—Rifle case made of Pantasote waterproof duck, reinforced leather end, leather over action, with sling forming handle. Price, \$3.50 net.



Style 3.—Made of Pantasote waterproof duck, reinforced leather ends over muzzle and stock, with pocket suitable for "take down" rifle or shotgun. Price, \$3.50 net.



Style 5.—Made of russet leather, flannel lined, brass lock buckle, rod pocket, handle and shoulder strap; weight, 3 lbs. Price, \$5.50 net.

FRENCH STYLE SHOTGUN CASE



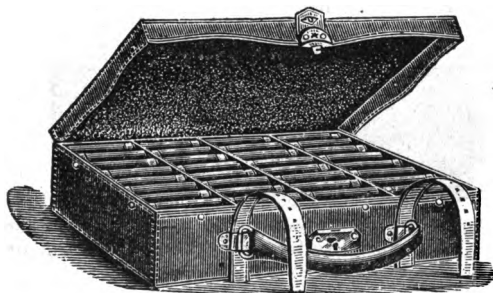
Style 7. The most compact case made. Opens at both ends, allowing the barrels and stock to overlap, thereby reducing height of case very much. Made of best grade russet leather, with brass buckles, handle and shoulder strap.

Price, \$10.00.

Style 8. Same style case, made only to open at one end.

Price, \$10.00.

AMMUNITION OR SHELL CASES



Finest quality Reinbach leather, handmade case, zinc sheeting lined, straps with brass lock buckles, strong and serviceable.

For 100 shells....\$6.00

For 200 shells.... 7.50

Leatheroid, the strongest and most serviceable case made. Has strong lock and handle.

To carry 4 boxes of shells (100)..... \$3.00

To carry 8 boxes of shells (200)..... 3.50

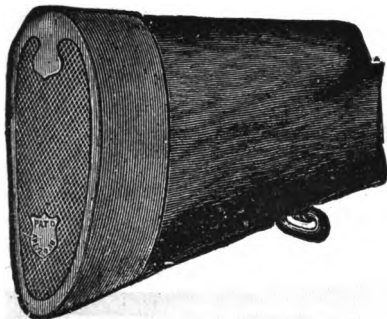


DOG BOOTS

An absolute protection for a dog's feet when hunting in sand briars or rough country. Made of genuine pigskin. When ordering send drawing showing size of dog's feet.

Price per set (4 boots)..... \$6.00.

RECOIL PADS



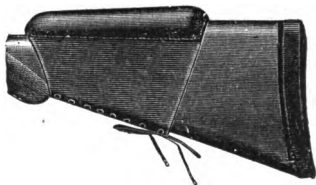
Red Rubber Recoil Pads, to slip over stock. When ordering state size of butt of gun, length and breadth in inches.

Price, \$1.00.

ROWLEY CHEEK PAD

Fine leather, to lace on stock. Made to raise cheek, $\frac{1}{8}$, $\frac{1}{4}$, and $\frac{3}{8}$ inches.

Price, \$1.50.



CALLS



"Ole Virginny" Turkey Call. Cedar wood box and slate scraper. The most natural call.

Price, 50 cents.

ALLEN'S DUCK CALL



The only call that imitates the natural "quack" of the duck. With this call one can easily reproduce all the notes and tones of the duck language. Price, \$1.00.

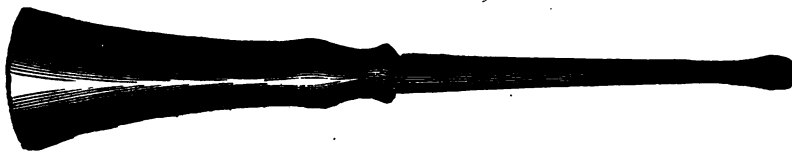
FULLER'S GOOSE AND CRANE CALL

Weight, 2 oz. Price, each, \$1.00 net.

CALLS



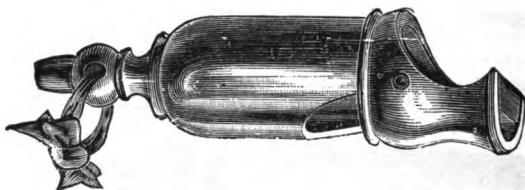
Duck call, horn tip; weight, 1 oz. Price, each, 45 cents net.



Turkey call, horn; weight, 1 oz. Price, each, 35 cents net.



Snipe call, horn; weight, $\frac{1}{2}$ oz. Price, each, 30 cents net.



White bone dog call; weight, 1 oz. Price, each, 15 cents net.



This call is the loudest, neatest and best on the market, an excellent one for a novice to carry in the woods in case of getting lost.

Weight, 1 oz.

Price, each, 20 cents net.

TAXIDERMY

To skin an antlered head begin at a point on the back bone between the shoulders, cut through the skin up along the cervical vertebrae to a point on a line between the antlers, cut across this line and around the antlers, keeping close to their base.

Then from the point of beginning cut down to and across the brisket, and up the other side. Carefully remove the skin from neck and head until the ear is reached, cut the cartilage close to the skull. Proceed to the eye and cut carefully from the bone, being sure that the whole eyelid, both outer and inner skin, and the sinus under the eye, is left adhering to the scalp.

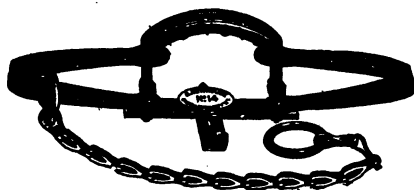
Proceed to the nose and lips; open the mouth and cut around at the top of the gums, not injuring the lining of the lips, let the scalp hang down from the skull and carefully work around the lining of the nostril, cutting through as far back as possible from the opening, carefully work around the lips in the same way until the cut on the inside of the mouth is reached when the whole scalp will come away. Remove the skull by inserting the knife between the last cervical vertebrae and skull. Remove the surplus bits of cartilage and tissue from the scalp and rub the flesh side with coarse salt, leaving it well covered with salt. Fold and roll carefully and put in a cool place. Remove the brains from the skull by a stick through the opening made by detaching the vertebrae, remove the flesh, fat and cartilage from the bone, being careful to preserve the lower maxillary which should be tied to the skull, wash both inside and out and place in the sun to dry.

After the scalp has lain over night, open and pour out the water, and salt again very thickly, spread and dry in the shade; under no circumstances hang up by the nose; watch carefully to protect from fly blows. Ship to the taxidermist as soon as possible.

Skinning a bird is a very delicate operation, and should not be undertaken by the inexperienced. A bird should be hung by the feet and will last a number of days in cold weather; it should be shipped to the taxidermist as soon as possible.

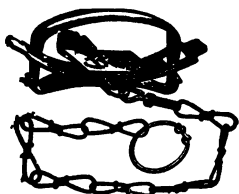
To skin a fish carefully ascertain measurements, and make a diagram for the taxidermist marked with the length and girth in at least four places, open on the reverse side from the one to be exposed when mounted by making a slit through the skin from gills to tail. Separate the skin from the flesh, cutting about the fins so as to leave the muscle in which the bone is imbedded; cut through the backbone at the tail and at the head, leaving in the gills. Cover well with salt inside and out, and ship to the taxidermist as soon as possible.

NEWHOUSE ANIMAL TRAPS



Many of our customers carry traps, for they find on their hunting trips it pays to spend a little time in trapping. Many valuable trophies cannot be obtained in any other way. We carry a full line of Newhouse traps with chains.

	Net Price. Per Doz.
No. 0. For rats, etc., single spring, jaws spread $3\frac{1}{2}$ in.....	\$2.55
No. 1. For muskrats, skunks, etc., single spring, jaws spread 4 ins	3.00
No. 81. Same as No. 1, but with web jaws.....	3.30
No. 91. Skunk or mink, double jaw.....	3.60
No. 91½. Mink, raccoon or fox, double jaw.....	5.40
No. 1½. For mink, foxes, etc., single spring, jaws spread $4\frac{7}{8}$ ins..	4.50
No. 2. Same as No. 1½, but with double spring.....	6.30
No. 2½. For otter, single spring, toothed jaws, spread 5 ins.....	9.90
No. 2½. Otter, no teeth	7.80
No. 3. For otter, double spring, jaws spread $5\frac{1}{2}$ ins.....	8.40
No. 3½. For otter, single spring, toothed jaws spread $6\frac{1}{2}$ ins....	11.10
No. 3½. Otter, extra large, no teeth	9.30
No. 23. Same as No. 3, with detachable clutch.....	9.90
No. 4. For beaver, double spring, jaws spread $6\frac{1}{2}$ ins.....	9.90
No. 14. Same as No. 4, with offset toothed jaws.....	10.50
No. 24. Same as No. 4, with detachable clutch.....	11.40
No. 4½. For wolf, double spring, jaws spread 8 ins., with drag....	24.00
No. 50. For small bear, double spring, toothed jaws spread 9 ins	51.00
No. 150. Same as No. 50, with offset toothed jaws.....	51.00
No. 5. Large bear, double spring, toothed jaws spread $11\frac{3}{4}$ ins.	72.00
No. 15. Same as No. 5, with offset toothed jaws.....	72.00
No. 6. For grizzly bear, double spring, toothed jaws spread 16 ins	168.00



"ONEIDA" JUMP TRAPS

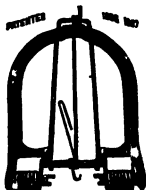
These traps are lighter in weight and therefore easier to carry than other styles. They lie very flat and are easily secreted in the runways of animals.

Size.	With Chains. Net per doz.
No. 0. Rat or Gopher	\$1.60
No. 1. Muskrat	1.80
No. 2. Mink	2.05
No. 2½. Coon, Mink or Skunk	3.00
No. 12½. Same as No. 2½, with teeth	4.35
No. 3. Fox or Otter	4.50
No. 13. Same as No. 3, with teeth	7.15
No. 4. Otter or Wildcat	5.05
No. 14. Same as No. 4, with teeth	6.70

VICTOR TRAPS

These traps, although less expensive than the Newhouse, are made in the same pattern throughout.

Size.	With Chains. Net per doz.
No. 0. Gopher or Rat	\$1.50
No. 1. Muskrat	1.75
No. 1½. Mink	2.65
No. 2. Fox	3.70
No. 3. Otter	4.90
No. 4. Beaver	5.80



BIRD TRAPS

This ingenious little trap is used by naturalists for catching birds for specimens.

Price, 15 cents each.

FISHING TACKLE

IT has always been our aim to encourage and promote the use of fine fishing tackle.

Not only will it afford the user much greater satisfaction but will, in the long run, prove itself far less expensive than the cheaper grades. The initial cost is greater, of course, but the constant outlay for repairs and replenishing of cheap rods, imperfect lines, faulty leaders, poorly tied flies, hooks, etc., will soon lead one into much greater expense than the cost of a fine outfit which will last for years. Aside from all this there is a subtle and genteel pride, that every angler feels, in the possession of a finely appointed kit of fishing tackle which he knows is above reproach. We are practical anglers ourselves and this department has received our special attention in every slightest detail.

Our patrons may feel assured that we have spared neither time, trouble nor expense to create and maintain a line of fishing tackle, the superiority of which cannot be questioned.

In our whole line we beg to assure you that what we offer as the *best* carries our unqualified guarantee of honest make and perfect quality.

Beside our own wide experience we are constantly in close touch with the foremost angling authorities the world over, which brings us a thorough knowledge of the various styles and methods of fishing in all localities. This places us, naturally, in a position where we are able to help and advise patrons in the selection of the proper tackle and correct equipment for such waters as they may be intending to visit.

We invite correspondence in this respect and will cheerfully furnish all such information as we may possess.

To those who find it necessary to order goods from our catalogue we beg to extend our assurance that all such orders receive special attention and will be shipped promptly.

We have unequalled facilities for the manufacture and import of special goods, which is a large part of our business, and we will be glad at all times to execute orders for such goods as we do not catalogue or import specialties from abroad in any quantity and at advertised prices.

“TOURADIF” SPLIT BAMBOO RODS

SIX-STRIP

THE STANDARD OF EXCELLENCE

When we first put this rod upon the market our aim was to produce, not a rod as good as others, but *the best*. This we have accomplished, if the instant and continued success of these splendid rods is any criterion. In the hands of expert and amateur alike they are known the world over for their sterling quality and beautiful workmanship.

At the New York and Boston Casting Tournaments of 1904, 1905, 1906 and 1907, which are open to the world, these rods won 118 prizes in competition with the world's best makers.

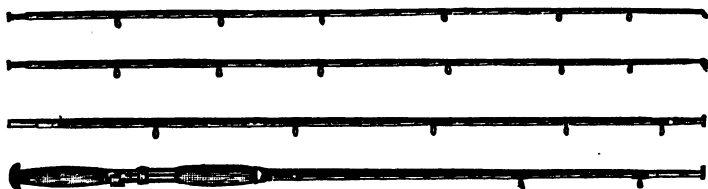
They are all made under the immediate supervision of our rod expert, a fisherman of wide experience and a well known Tournament winner, and the workmanship throughout is of the very highest standard attainable. The lines, dimensions and balance are essentially all their own, being most carefully worked out from the results of actual fishing tests and trials—not the mere outcome of a theoretical rod-maker's calculation.

Every part of these rods is made by hand, each workman being a specialist in his department. The wood is selected with great care from the very highest grade of canes, each piece being closely inspected for possible flaws. The joints are glued up, proved and seasoned many months before mounting, and no new or “green” parts are ever used. The ferrules, a most important point, are *waterproof* and are made from a special grade of German silver. They are drawn and redrawn by hand until they acquire almost the hardness and temper of steel, while their patent flexible end allows a perfect union with the rod-joint, doing away almost entirely with the usual breaking strain at that point. The hand-grasps are of fine quality *solid* cork discs, through which the joint runs entire to butt-cap and is the strongest possible form of construction.

Each of these rods possesses that indefinable “something” which is generally expressed as “hang,” or “balance,” to a degree never even approached by any other rods ever made, and it is in all sincerity and perfect good faith that we claim to produce the *finest and best rods in the world*.

We make a specialty of all kinds of rods to order; also fine repairing; and all such work receives our most careful attention.

"TOURADIF" SALMON RODS



These magnificent rods are unparalleled for easy handling and fine casting qualities. They are built on our new "double dimension" and from butt to tip they are *all rod*—every part does its share.

Their resiliency and driving power is so great it is easily possible to cast a very long line with far less effort than with any other rod, while a mere gentle "tip cast" will handle a line of ordinary fishing length perfectly. German silver mounted throughout. Patent flexible water-proof ferrules. Patent locking reel band. Solid cork hand grasps. Detachable palm or body rest. Ring or snake guides. Rod consists of one butt, one middle joint and two tips.

13½ feet long.	Weight about 17 ounces.....	Price, \$45.00
14½ feet long.	Weight about 20 ounces.....	Price, 45.00
15 feet long.	Weight about 22 ounces.....	Price, 45.00
16 feet long.	Weight about 25 ounces.....	Price, 45.00
Rods finished round, \$5.00 extra.		

Extra Joints

Butt, \$17.50.

Middle, \$12.50.

Tips, each, \$7.50.

Larger and heavier rods, up to 18 feet in length, furnished to order, but except for European angling, where the long rod is in favor, they are rarely used.

LIGHT SALMON OR GRILSE RODS

Made with independent double-grasp handles with locking reel band. They are extremely powerful rods for their weight and are daily becoming more popular. They are quite strong enough for the ordinary run of fishing, with the advantage of being much easier to handle.

12½ feet long.	Weight about 14 ounces.....	Price, \$40.00.
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Rods finished round, \$5.00 extra.

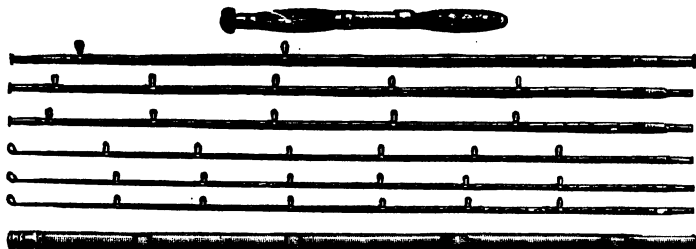
Extra Joints

Butt, \$15.00.

Middle, \$11.00.

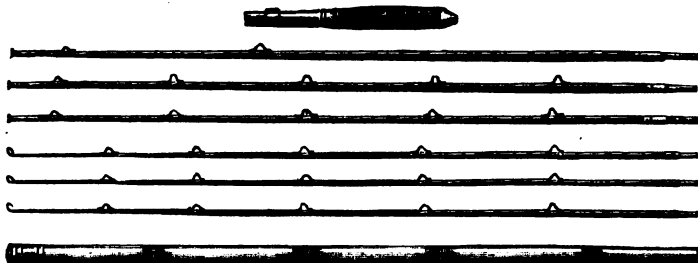
Tips, each, \$7.00.

"TOURADIF" GRILSE TOURIST RODS



Consists of independent double grasp handle, with locking reel band. One butt, two middle joints and three tips. Tips carried in bamboo tip case. They are splendid rods in every respect and are coming more and more into use each season. Especially desirable for tourists or for those taking long, hard trips as the extra parts practically afford two rods. Furnished with long single grasp handle if desired.
 11½ feet long. Weight about 13 ounces.....Price, \$45.00

"TOURADIF" TOURIST FLY RODS



A magnificent rod for the heavy fishing of Canada, Maine and the Northwest. The independent handle method of construction really affords more actual rod than the length and weight would indicate, and consequently more power. They are particularly valuable to tourists and for "roughing it," as the extra parts practically afford two rods in case of loss or breakage.

Rod consists of independent handle with solid cork grasp, one butt, two middle joints, three tips. Tips carried in bamboo tip case.

9½ feet long. Weight about 5¾ ounces.....Price, \$40.00

10 feet long. Weight about 6½ ounces.....Price, 40.00

In fine leather carrying case with separate pocket for handle, 45.00

Any length or weight supplied to order.

"TOURADIF" TROUT AND BASS FLY RODS

Six Strip.



Built on our famous "double dimension" lines. These rods are quicker in action and more powerful for their weight than any other rod made. They are extremely resilient and pliable and yet have all the strength to lift a long, heavy line from the water and cast true and steady under all conditions. Their balance is so perfect that they have the "hang" of a much lighter rod for any given weight and so constructed that, properly used, the *rod does all the work* in casting, to the pleasure and comfort of the angler. They are absolutely unequaled for their lightning-like "recovery" and swift, powerful casting qualities, and we have no hesitation whatever in claiming them to be the *best rods made in the world*. Mounted in German silver throughout. Fine solid cork handles. English snake guides. Waterproof ferrules. Rod consists of butt, middle joint and two tips. Tips carried in bamboo tip case. Cane-wound handles or plain ring guides will be supplied to order.

8 ft. long. Weight, 8 to $3\frac{3}{4}$ ozs. 10 ft. long. Weight, $6\frac{1}{2}$ to $7\frac{1}{2}$ ozs.
 $8\frac{1}{2}$ ft. long. Weight, $3\frac{3}{4}$ to $4\frac{1}{4}$ ozs. $10\frac{1}{2}$ ft. long. Weight, $7\frac{1}{2}$ to $8\frac{1}{2}$ ozs.
 $8\frac{3}{4}$ ft. long. Weight, $4\frac{1}{4}$ to $5\frac{1}{4}$ ozs. 11 ft. long. Weight, $8\frac{1}{2}$ to 10 ozs.
 $9\frac{1}{2}$ ft. long. Weight, $5\frac{1}{4}$ to $6\frac{1}{2}$ ozs.

Price each, \$25.00.

Extra Joints.

Butt, \$9.00

Middle, \$6.00

Tips each, \$5.00

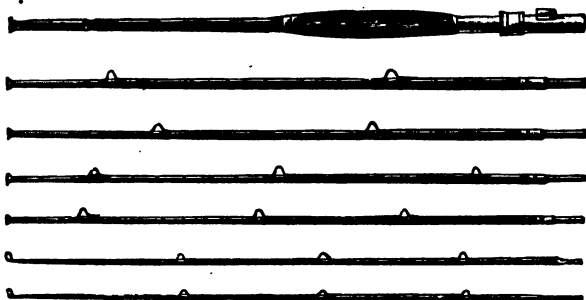
"TOURADIF" BAIT RODS

Suitable for general bait fishing and light trolling. Solid German silver reel seat with new style locking reel band. Water-proof, flexible ferrules. Fine rolled trumpet guides with new pattern agate hand guide and tip-tops. Solid cork grasp. Regular rod made three-piece and extra tip. Any style grasp or mountings to order.

Regular lengths, 5 to $7\frac{1}{2}$ ft. Price, \$25.00

Special lengths to order at short notice.

"TOURADIF" PACK OR BELT FLY RODS



These little rods have been developed especially to meet the demand for a compact, handy rod which could be easily carried or packed in a small space. They are so perfectly designed that the extra number of ferrules does not interfere in any way with their balance or action.

They are extremely quick and powerful and make splendid casting rods and are daily becoming better known and more used. They will stand all sorts of rough usage and can be depended upon in every way. Rod consists of six pieces and extra tip, 18 inches in length. Length over all, $8\frac{3}{4}$ feet. Weight, $4\frac{1}{2}$ to $5\frac{1}{2}$ ounces. Put up in fine quality hand-made leather case, 19 inches long, with loop to carry on belt. Price, complete.....\$30.00

Special indestructible fibre cases, leather caps, for very rough packing, absolutely safe. Extra, \$3.50. Full leather covered, \$5.00.

"TOURADIF" TOURNAMENT FLY RODS

Made to Order Only

We are now making this grade of rod especially for Tournament Casting. They are made on the lines and dimensions of Mr. L. S. Darling, an eminent authority on tournament casting. They are so designed as to afford the utmost power in casting for a given weight or length and are the acme of fine rod making. All rods made three pieces and extra tip unless otherwise ordered. Mounted with snake guides. All sizes, up to $11\frac{1}{2}$ feet.....Price, \$35.00

EXTRAS

Raised agate hand guides.....	Each, \$1.00
Off-set agate tip tops.....	" 1.00
Locking reel bands.....	" 1.50
Independent handle	" 5.00

Special long extension handles for heavy rods to aid in the recovery of long line, extra, \$2.50.

We usually have glued-up stock ready for use in above rods and can furnish in moderately short time.

"TOURADIF EXPERT" CASTING RODS

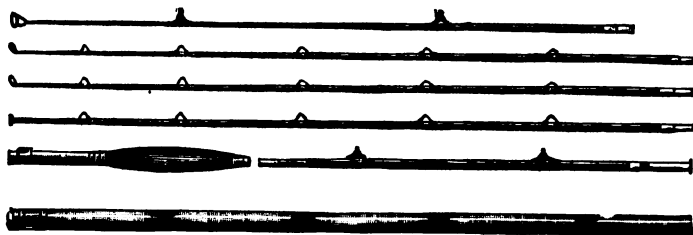


FOR MINNOW, FROG AND ARTIFICIAL BAIT CASTING

These rods are perfection for casting from the reel. Comparatively, as to strength and power, they are wonderfully light, and in casting their marvelous "speed" reduces muscular effort to a minimum. For general fishing we recommend the one-piece rod with one light and one heavy tip. Fitted with Darling's new model independent handle, sumach hand grasp and cork forward grasp, which fits the hand easily and does not cramp the fingers. Handles are interchangeable and fit all tips and have our new patent reel seat (see page 223). Mounted with special pattern, narrow, high-set agate guides and tip tops which offer the least possible amount of friction. Regular lengths, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6 and $6\frac{1}{2}$ feet. Any length, style of handle or mountings to order.

One-piece rod	\$25.00
Two-piece rod	30.00
One-piece rod and extra joint—one light, one heavy.....	40.00
Two-piece rod and extra joint—one light, one heavy.....	50.00

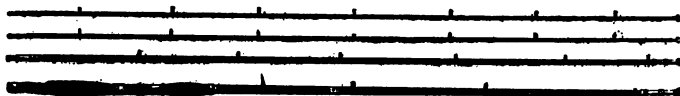
"TOURADIF" COMBINATION ROD



For general fishing purposes, these rods are invaluable, combining as they do fly rod, bait casting rod and light trolling rod in one. Rod consists of independent reversible handle, with solid metal reel seat, one butt, one middle joint, two tips and one bait casting tip. Makes a fly rod $9\frac{1}{2}$ ft. long, weighing about $5\frac{1}{2}$ ozs., or a bait casting and trolling rod $5\frac{1}{2}$ ft. long. Fly rod mounted with agate guides on butt and English snake guides on middle joint and tips. Bait casting rod mounted with agate guides throughout. Six piece combination rod, complete.

Price, \$35.00.

THE "BIC" SALMON ROD



A good, serviceable rod at a moderate price. Strong and honestly made and will give satisfaction. Hand-made throughout, fine extra thick enamel bamboo. Solid German silver mountings. Flexible, serrated ferrules, welted and reinforced. Solid cork double grasp handles. English snake guides. Rod consists of one butt, one middle joint and two tips, put up in canvas partition bag. We have adopted the 14-foot length as a standard, but will furnish any length up to 18 feet at the same price. 14-foot rod, weight about 18 ozs. Price, \$30.00

"HIGHLAND LASS" SALMON ROD

Finest grade, hand-riven greenheart. We offer this fine rod to meet the demand of those who still prefer the old style "wooden" rod, which we have greatly improved by modern dimensions and superior mountings. Dimensions, mountings and finish the same as our "Bic" rod, with the exception of the handle, which is fine cane wound. Those who prefer this style will find it a most satisfactory and durable rod. 14-foot Rod. Weight about 24 ozs..... Price, \$25.00

Any length furnished to order at same price.

"BIC" TROUT AND BASS FLY RODS



We are making a specialty of this rod to meet the demand for a fine hand-made rod at a medium price, and we claim them to be superior to any other rod made at anything like the price.

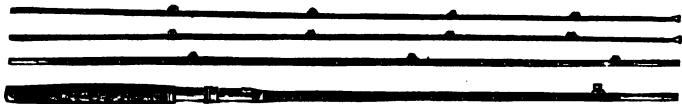
The lines and dimensions are the same as our famous "Touradif" rods. Made of carefully selected bamboo, solid German silver mountings throughout. Patent flexible extension ferrules. Solid cork grasp. Open cedar reel seat. English snake guides.

Rod consists of one butt, one middle joint and two tips. Tips carried in bamboo tip case. Price, \$15.00.

All sizes carried in stock from 8 ft. long, weighing 3 to 4 ounces, up to 10½ ft. long, weighing 7 to 8 ounces.

Extra joints: Butt, \$5.50; Middle, \$4.50; Tips, each, \$3.00.

"BIC" BAIT RODS

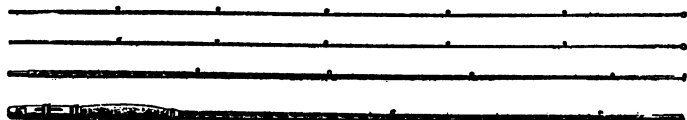


We are now making this popular rod on our new model, and we cannot recommend it too highly for those who want a really good rod at a moderate price. They follow the same general dimensions of the "Touradif" and have plenty of power and "speed" without being heavy and clumsy. They are strictly hand made of superior grade bamboo, selected for its strength and elasticity, and all mountings are of the best. Solid German silver reel seat, reel above hand. Solid cork handle. Fine German silver extension ferrules. Rolled edge German silver trumpet guides and stirrup tip-tops. Rod consists of one butt, one middle joint and two tips.

Regular stock lengths, 5, 5½, 6, 6½ feet.....Price, \$15.00

Any length or style of mounting to order at short notice.

THE "CASSETTE" ROD



An honest rod at an honest price. Hand made from carefully selected Calcutta bamboo. German silver mounted throughout. Patent ferrules. Solid metal reel seat. Solid cork grasp. Fly rods have English steel snake guides. Bait rods have German silver trumpet guides. Both fly and bait rods made three-piece with extra tip. Put up on velvet covered form in canvas sack.

Fly Rods

8½ ft. long. Weight about 4 ozs. 9 ft. long. Weight about 5 ozs.
10 ft. long. Weight about 6 ozs. 11 ft. long. Weight about 7½ ozs.

Price, \$10.00

Bait Rods

5½ ft. long. Weight about 5 ozs. 6½ ft. long. Weight about 5½ ozs.
7½ ft. long. Weight about 6½ ozs.

Price, \$10.00

NO. 2 ROD

Six-strip selected bamboo. Made three-piece and extra tip. German silver mountings. Solid metal reel seat. Solid cork grasp. Put up on velvet covered form in canvas sack.

Fly Rods.		Bait Rods.	
8½ ft.	4½ ozs.	5½ ft.	5 ozs.
9 ft.	5 ozs.	6½ ft.	5½ ozs.
9½ ft.	5½ ozs.	7½ ft.	6½ ozs.
10 ft.	6½ ozs.	8½ ft.	7½ ozs.

Price, Fly or Bait.....\$7.50

NO. 4 ROD

Heavy Bass casting or trolling rod. Six strip bamboo. Two pieces and extra tip. Nickel mountings. Heavy welt ferrules. Metal reel seat. Cork grasp. Double guides on tips. Length, 7 feet. Weight about 8 ounces. Price, \$5.00.

NO. 5 ROD

Six strip. Made from selected "Grape Vine" cane in a most careful manner. German silver mounted throughout. Solid cork handle. Solid metal reel seat. The very best rod at the price ever made and equal to many rods sold for twice the amount. All rods made three-piece and extra tip. Put up on covered wood form in canvas sack.

Fly Rods.		Bait Rods.	
8 ft.	4½ ozs.	5½ ft.	5 ozs.
8½ ft.	5 ozs.	6½ ft.	5½ ozs.
9½ ft.	6 ozs.	7½ ft.	6 ozs.
10 ft.	7 ozs.		
11 ft.	8 ozs.		

Price, Fly or Bait.....\$5.00

NO. 6 ROD

Six-strip bamboo, nickel mountings, cord grasp.

Consists of one butt, one second joint and two tips. Mounted on wood form, enclosed in canvas sack.

Fly Rods.		Bait Rods.	
9½ ft.	5 to 6 ozs.	7½ ft.	7½ ozs.
10 ft.	6 to 7 ozs.	8½ ft.	8½ ozs.

Price, Fly or Bait \$3.00 net.

NO. 7 ROD

Six-strip bamboo, nickel mountings, cork grasp.

Consists of one butt, one second joint and two tips. Mounted on wood form, enclosed in canvas case.

Fly Rods.		Bait Rods.	
9½ ft.	5 to 6 ozs.	7½ ft.	7½ ozs.

Price, Fly or Bait \$1.00

GREENHEART RODS

NO. 11 ROD

Hand-made greenheart, German silver mounted, cane grasp, metal reel seat. Consists of one butt, one second joint, two tips. Mounted on velvet covered wooden form, enclosed in canvas sack.

All lengths.....Price, \$7.00 net.

Fly Rods.

Bait Rods.

9 ft. long, 6 ozs.....	6½ ft. long, 6 ozs.
9½ ft. long, 6½ ozs.....	7½ ft. long, 7 ozs.
10 ft. long, 7 ozs.....	8½ ft. long, 8 ozs.

NO. 12 ROD

Greenheart rod, nickel mounted, cork grasp, metal reel seat. Consists of one butt, one second joint and two tips. Mounted on wood form, enclosed in canvas case.

All lengths.....Price, \$3.50 net.

Fly Rods.

Bait Rods.

9½ ft. long, 6½ ozs.....	7½ ft. long, 7 ozs.
10 ft. long, 7 ozs.....	8½ ft. long, 8 ozs.

LANCEWOOD RODS

NO. 19 ROD

Made by hand from finest quality riven wood. Beautifully finished and German silver mounted throughout. Patent extension ferrules. Solid metal reel seat. Cork grasp. Three-piece and extra tip. Put up on velvet covered form in canvas sack.

Fly Rods.

Bait Rods.

8½ ft. 6½ ozs.....	6½ ft. 6½ ozs.
9½ ft. 7 ozs.....	7½ ft. 7½ ozs.

Price, Fly or Bait.....\$5.00

NO. 20 ROD

Three-piece and extra tip. Nickel mountings. Solid reel seat. Cork grasp. Put up on flannel covered form in cloth sack. A good, serviceable rod for the price.

Fly Rods.

Bait Rods.

8½ ft. 6½ ozs.....	6½ ft. 6½ ozs.
9½ ft. 7 ozs.....	7½ ft. 7½ ozs.
10 ft. 7½ ozs.....	

Price, Fly or Bait.....\$3.00

BAIT CASTING RODS

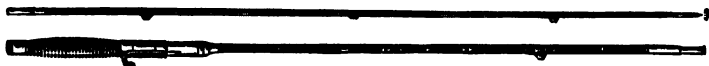
THE "ROYAL"



Two-piece rod. Hand made from finest quality riven lancewood. German silver mounted throughout. Hand turned reinforced ferrules. Solid metal reel seat with new patent locking reel band. Solid cork grasp. Large high set agate guides and special agate stirrup tip-top. Those who prefer the solid wood rods to the split bamboo will find this little rod a model of excellence. It is quick, strong and resilient and has great casting power. The new locking reel band is a long looked for improvement, especially on casting rods. The reel band is slipped into position in the usual way, the ring is given a few turns, the reel is locked rigidly to the seat and cannot possibly work loose. Lengths, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, and 6 feet.

Price, \$7.50

"THE REPUBLIC"



Two-piece rod. Made from a newly discovered variety of cane of great strength and elasticity. The butt joint is made from a solid piece of cane and the tip is six strip. Heavy nickel mountings. Special pattern offset ferrules. Solid metal reel seat with finger hook on reel band. Cord wound grasp. German silver trumpet guides and stirrup tip-top. A thoroughly reliable and satisfactory rod in every way and one which is, we believe, destined to become very popular. Its great strength, compared to its weight, should make it a great favorite for the "rough and ready" kinds of fishing.

Lengths, $4\frac{1}{2}$, 5, and $5\frac{1}{2}$ feet.....Price, \$5.00

THE "REGAL" BAIT CASTING ROD

Six-strip bamboo. Hand made of fine grade China cane. German silver mounted throughout. Hand turned ferrules. Solid metal reel seat with finger hook on reel band. Solid cork grasp. Fine high set agate guides and offset tip-top. Two-piece and extra tip. A high grade rod in all respects. It is very resilient and quick in action and has great casting power. Suitable for all styles of bait and minnow casting and thoroughly satisfactory in every way.

Length, 4½, 5 and 5½ feet.....Price, \$10.00

POCKET COMBINATION ROD

NO. 10½

The "handy man" of the rod family. A convenient and serviceable little rod for mountain tramps, bicycle trips, or when packing through a rough country. Well made of good materials.

Split bamboo, six-strip, nickel mountings, "snake" guides, cane grasp, metal reel seat. Seven pieces and extra tip. Makes a 7-foot fly rod weighing 4¾ ozs., or a 6-foot bait rod weighing 4½ ozs.

Length of joints, 13 inches.....Price, \$5.00

THE "WESTERNER" COMBINATION ROD

A thoroughly practical rod of much usefulness, combining a 9½-foot Fly Rod and 5½-foot Bait Casting Rod in one. Carefully made from fine grade China split bamboo, six-strip. Has cane-wound independent handle, reversible. Agate guides on casting rod, snake guides on fly rod. German silver mounted throughout. Rod consists of 2-piece casting rod and 3-piece fly rod, with extra tip, making in all 6 pieces and handlePrice, \$15.00

PACK AND VALISE RODS

NO. 8 ROD

Split bamboo, six-strip, nickel mounted, cork grasp, metal reel seat.

Consists of six pieces, with extra tip. Makes a 21-inch package; enclosed in cloth sack.

Fly Rods.

Bait Rods.

7 ft. 5½ ozs.....7 ft. 7 ozs.

Price, Fly or Bait, \$3.00 net.

NO. 9 ROD

Selected Calcutta bamboo, six-strip; full nickel plated mountings, cork grasp, welted ferrules, metal reel seat. Strongly made for hard service.

Consists of six pieces, with extra tip; enclosed in cloth sack. Makes a package 21 inches long.

Fly Rods.

Bait Rods.

9½ ft. long, 8½ ozs.....9½ ft. long, 9 ozs.

Price, Fly or Bait, \$7.00 net.

NO. 10 ROD

Combination Fly and Bait Rod, making fly rod 9 ft. long and bait rod 7½ ft. long.

Made of selected lancewood, full nickel mountings, cane grasp, metal reel seat.

Consists of seven pieces, with extra tip; enclosed in cloth sack. Makes a package 21 inches long. Price, \$3.00 net.

TARPON AND TUNA RODS

THE "SILVERY KING" ROD

These rods are as light, stiff and powerful as it is possible to make. The action is extremely "fast" and their resiliency is wonderful. They have all the strength and power of the heavier and clumsier rods generally in use, but are quick and lively in action, affording the angler far more "play" and greatly enhancing the sport in fighting these mighty fish. When used for surf casting, for which they are finely adapted, their springy action and great casting power lend an added charm to this interesting sport. These splendid rods are all *double built*—that is, one rod is really built on top of another. As only the hard enamel of the bamboo is used the soft wood lining, used by other makers, is done away with entirely and we are able to produce a rod that is practically *solid enamel*.

The great advantages possessed by this method of manufacture cannot be overestimated, as a rod of this style has nearly twice the strength of the ordinary rod of the same size and weight. Extra heavy German silver mountings throughout. Hand-drawn, hard-tempered ferules, fitted with great care. Extra heavy solid reel seat, with new pattern locking reel band, which is simple in operation and locks the reel firmly to the plate in such manner that it cannot possibly work loose. Mounted with special pattern double agate guides of large diameter. Cane wound double grasp. Made in one piece with independent handle. Connection at the reel plate.

Length, 6½ ft. Weight about 25 ozs.....Price, \$30.00

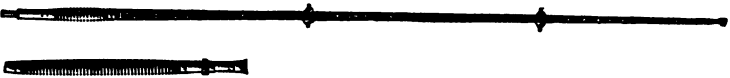
Lighter rods furnished to order.

THE "TAMPICO SPECIAL" ROD

Hand made from the finest quality of carefully selected straight grained greenheart, hand riven and free from knots. Extra heavy German silver mountings throughout. Hand-drawn, hard-tempered ferules. Made in one piece tip with connection at reel plate. Heavy solid metal reel seat with new locking reel band. Mounted with special pattern narrow agate double guides. Cane wound double grasp. These are splendid rods in every way and for those who prefer the solid wood to the split cane rod nothing better or finer can be devised.

Length over all, 6½ ft. Weight about 26 ozs.....Price, \$20.00

THE "CATALINA SPECIAL" ROD



The tremendous success of our "Silvery King" rod has led us to produce this same pattern in a lighter and more pliable form. The same principle of construction has been followed exactly and all are "double built," only the *enamel* of the bamboo being used, which affords tremendous "life" and power to the rod.

The leaning towards lighter tackle is growing stronger day by day among all classes of fishermen and these rods aid the cause mightily by reason of combining marvelous strength in comparison to their size and weight. We have no hesitation in saying that, handled with a fair degree of skill, the mighty tarpon or the fierce tuna is outmatched at every turn by these peerless rods. They will also prove extremely popular with the devotees of beach or surf casting, as their "speed" and resiliency makes possible an easier and more graceful cast than when the heavier rods are used.


The mountings, ferrules and guides are the same as used on our "Silvery King" and we use the same locking reel seat, which is invaluable in all styles of fishing where there is great strain upon the reel.

We absolutely warrant these rods to be the finest of their kind made and guarantee their perfection without reserve.

Made in one piece, tip and independent handle, with cane wound double grasp, connection at the reel plate.

Length, 6 ft. Weight about 18 ozs.....Price, \$30.00
Special lengths, style or mountings to order.

THE "REY DEL PLAYA" ROD



These splendid rods, like our "Catalina Special," we offer to those who desire a lighter rod than the regulation model and who prefer the solid "wood" to the split bamboo. They follow precisely the same style of make and mounting as our "Tampico Special," but are lighter and more springy. The stock is absolutely the finest that can be procured and the making and finish leave nothing to be desired. Their action and resiliency is surpassed by no other rod, except our "Silvery King" and "Catalina Special," and they are superb rods for hard and steady service. Made in one piece, tip and independent handle, with cane wound double grasp handle, connection at the reel plate. All have our famous locking reel seat.

Length, 6 ft. Weight about 20 ozs.....Price, \$20.00
Special lengths, style or mountings to order.

TARPON, TUNA AND SALT WATER RODS

NO. 23 ROD

Made from a newly discovered variety of cane of extraordinary strength and elasticity. They are tremendously powerful for their weight and extremely "fast" in action. Butt joint made from one solid piece of cane and tip from six-strip split. Heavy nickel mountings. Special offset ferrules of new pattern. Double reel seat and double German silver trumpet guides. Butt and forward hand grasp wound with braided linen cord. A thoroughly trustworthy rod and one which will give splendid service for all around general fishing—we recommend them most highly.

Two-piece rod. Length, 7 ft. Weight, 18 ozs.....Price, \$8.00

NO. 14 ROD

Hand made of the finest quality second growth hickory. They are the strongest rods made and are practically unbreakable. Unquestionably the most powerful rod ever made for surf casting and heavy sea fishing. Extra heavy hand drawn German silver ferrules and mountings. Double agate guides and tip-top of special pattern. Double cord wound hand grasps. Made in one piece, independent handle.

Length, 7 ft. Weight, 30 ozs.....Price, \$15.00

NO. 14½ ROD

Same materials and mountings as No. 14. Made in two pieces, with extra heavy reinforced ferrules. A light, springy rod of great strength and power.

Length, 7 ft. Weight, 18 ozs.....Price, \$10.00

NO. 15 ROD

Hand made of best selected lancewood. Full German silver mountings. Double agate guides and tip-top. Double cord wound hand grasps. Made in one piece, independent handle.

Length, 7 ft. Weight, 22 ozs.....Price, \$7.50

TARPON, TUNA AND SALT WATER RODS

NO. 22 ROD

Made from the same materials and mounted as No. 23. They make splendid rods for striped bass, bluefish, weakfish, etc., and are quite powerful enough for the lighter forms of surf casting.

Two pieces. Length, 7 ft. Weight, 12 ozs.....Price, \$7.00

NO. 17 ROD

Best quality hand riven greenheart, finished in the most careful manner throughout. Heavy German silver mountings. Extra heavy hand drawn reinforced ferrules. Double trumpet guides and solid tip-top. Double cane wound hand grasps. A thoroughly reliable rod in every way and warranted to give satisfaction.

Two-piece and extra tip. Length, 6¾ ft. Weight, 14 ozs...Price, \$8.00

NO. 18 ROD

Five-piece combination rod for general sea and "bank" fishing. Makes 3-piece rod 8 ft. long, 3-piece rod 6½ ft. long, or 2-piece rod 5 ft. long. Ash butt, cord wound grasp, lancewood joints. Heavy nickel mountings. Double band guides. Price, \$3.50.

STEEL RODS

Best Grade Only

THREE PIECE FLY RODS—CORK HANDLES

9 ft. rod. Snake guides	Weight, 8 ozs.....	Price, \$4.50
10 ft. rod. Snake guides.	Weight, 8½ ozs.....	Price, 4.50

TRUNK ROD—FLY OR BAIT

9 ft. long. 18-inch joints.	Weight, 8½ ozs.....	Price, \$9.00
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THREE PIECE BAIT RODS—CORK HANDLES

German silver trumpet guides.

Lengths, 5½, 6, 6½, 7½, and 8½ ft.....	Price, \$4.50
Agate hand guides and tip-top, extra.....	1.50
Mounted with full agate guides, extra.....	2.50

THREE PIECE BAIT CASTING RODS—CORK HANDLES

German silver guides, Kalamazoo pattern. Agate tip-top.

Lengths, 4, 4½, 5, 5½, and 6 ft.....	Price, \$4.50
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TWO PIECE SALT WATER RODS

Celluloid double grasp handle. German silver trumpet guides.

Lengths, 6½ and 7½ ft. Weight, 13 ozs.....	Price, \$6.75
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TARPON OR SURF CASTING ROD

Two-piece, with celluloid double grasp handle. Agate guides and tip-top.

Length, 6¾ ft. Weight, 26 ozs.....	Price, \$12.00
Cork handles, extra.....	2.00

TROLLING TIPS

To stiffen rods, 9 inches long.....	Price, \$1.00
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REDUCING PLUGS

Fits into handle to shorten rod.....	Price, \$0.25
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EMERGENCY TOPS

For use in case of accident or to shorten rod.....	Price, \$0.15
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OUR SPECIAL LOCKING REEL SEATS

SALMON MODEL



We use this model on our "Touradif" Salmon and Grilse rods, and it is the best of its kind in use. It consists of a raised rib at one side of the reel seat, slotted at regular intervals, and a reel band with a corresponding slot and beveled tongue. The reel is placed in position in the regular manner, the reel band slipped into place so that the tongue engages a groove in the rib. The band is then turned to the left and the reel is securely fastened.

DARLING'S NEW BAIT MODEL



Fishermen of experience will at once appreciate its importance and know the vital necessity of having the reel securely fastened. Every angler knows the terrific strain a reel must stand while fighting some mighty fish, when the least slip or "wobble" means instant disaster, and no "old-timer" ever ventured forth after large game fish without having his reel *lashed to the rod*. This device banishes all worry and danger as it actually *locks the reel to the rod*—it cannot possibly work loose. The construction and operation is very simple. In place of the ordinary reel band is a band sliding upon two raised ribs, preventing "side play." On two sides of the band a tapered friction block is let through and which is held in place by a threaded ring. The reel is placed in position the regular way, the band slipped into place, the ring turned a few times to the left and the reel is locked so it can *not* be loosened until the ring is released.

Made of fine German silver and placed regularly on all our "Touradif" Bait Rods—also the "Silvery King," "Tampico Special," "Catalina Special," and "Rey del Playa" Rods. Supplied on any of our other rods to order at prices below.

Small—Trout, Bass, etc.....	\$3.50
Large—Tarpon, Tuna, etc.....	5.00

TALBOT REELS

THE FINEST MADE

Highest Award All World's Fairs Wherever Exhibited

It is with great pleasure and entire confidence that we offer this matchless reel to those anglers who want, and appreciate, the *best*.

No other reel made can begin to compare with it for artistic design and finish throughout, and no device of equal delicacy known to the mechanical world has anything like the same amount of skilled workmanship required of it.

The utmost care is used in the selection of materials and the workmanship is as perfect as it is possible for human hands and tools to devise.

So carefully are these reels made and tested and the degree of accuracy attained is so perfect that the variation is less than one-thousandth of a centimeter.

But, if nothing else were needed, the one thing sufficient to place the Talbot in a class above all others is the *gear*, which is delightfully smooth and even to the touch and responds instantly to the slightest pressure.

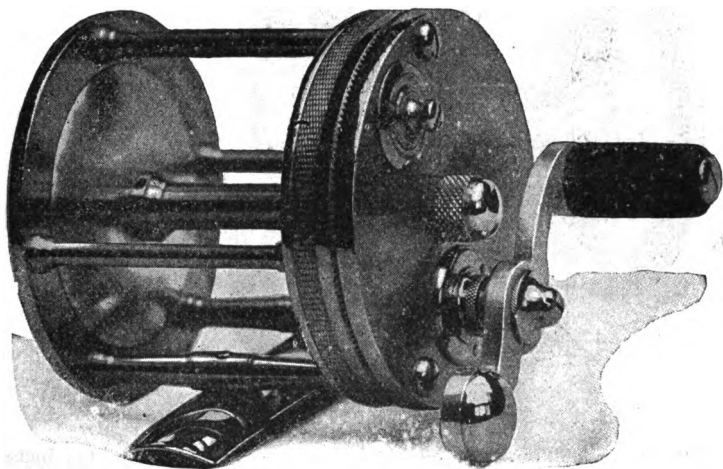
For fine casting or Tournament work they are positively the finest reels in the world.

Every reel guaranteed for three years.

We are exclusive New York agents for these reels.

TALBOT REELS

THE FINEST REELS MADE



“LEVISON SPECIAL” AND “TALBOT SPECIAL”

Diameter of end plates, $2\frac{1}{8}$ inches. Length of spool, $1\frac{1}{2}$ inches.

Diameter of spool ends, $1\frac{1}{8}$ inches.

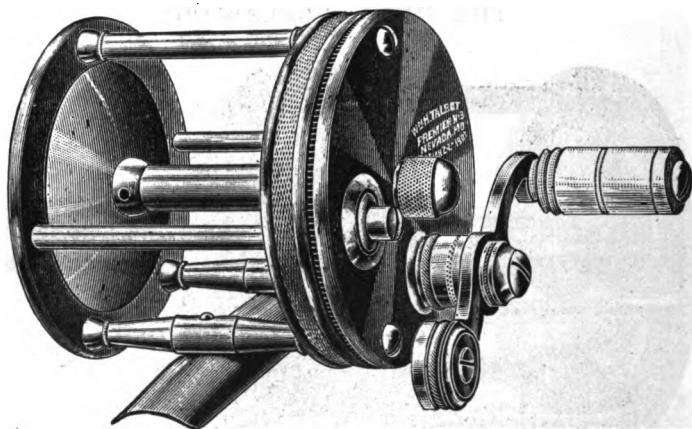
Made in one size only.

Made of finest German silver of a special alloy. Spool and handle of best nickel-aluminum. Hard rubber grasp. Spiral gears, hardened and tempered in oil. Drag on front and adjustable click on back plate. Improved steel click and click spring. Bearings jeweled with best sapphire jewels. This reel combines great strength and rigidity with lightness. For fine casting and tournament work it cannot be equalled. Ten grains will overcome the inertia of loaded spool. Line capacity, 100 yards.

Talbot Special—Hole and Cap Jewels—Jeweled Gear..... \$50.00

Levison Special—Hole, Cap and Gear Jewels—Jeweled Collar.. 60.00

TALBOT REELS



Exact Size

DIMENSIONS NO. 3

Diameter of end plates, 2 inches. Length of spool, $1\frac{1}{2}$ inches.
Diameter of spool ends, $1\frac{1}{8}$ inches.

DIMENSIONS NO. 4

Diameter of end plates, $2\frac{1}{8}$ inches. Length of spool, $1\frac{5}{8}$ inches.
Diameter of spool ends, $1\frac{3}{8}$ inches.

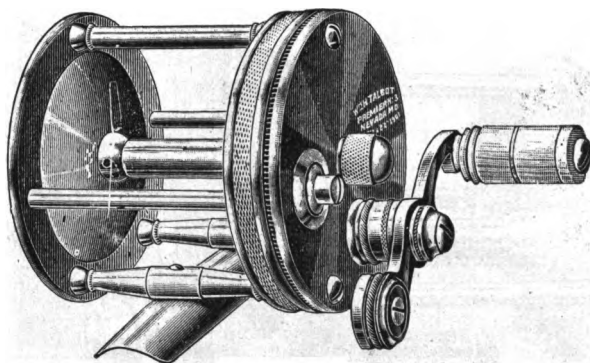
DESCRIPTION

Made of best quality German silver. Ivory grasp. Steel pinion, studs and pivots hardened and oil tempered. Wheels made of the best hard rolled aluminum bronze rods. Talbot's improved spiral gears. Mirror and damasked finish. Holds 80 to 100 yards of line.

The ideal and most popular size for expert bait casting and all around game fishing—from the bass to the muskallonge. If the angler only wants to use one of our reels, we highly recommend this size to him. It fills all requirements. With a small amount of care this reel will last a lifetime.

No. 31, as shown in cut, Click and Oil Caps, each.....	\$21.00
No. 33, as shown in cut, Click, Oil Caps and Cap Jewels, each..	28.00
No. 35, as shown in cut, Click, Oil Caps, Cap and Hole Jewels...	38.00
No. 41, Click, Drag and Oil Caps.....	25.00
No. 43, Click, Oil Caps, Jeweled.....	32.00
Either grade, with drag, extra.....	2.00
Aluminum spools, to order, extra.....	2.50

TALBOT REELS



Exact Size

NO. 2

DIMENSIONS

Diameter of end plates, $1\frac{3}{4}$ inches.

Length of spool, $1\frac{3}{8}$ inches.

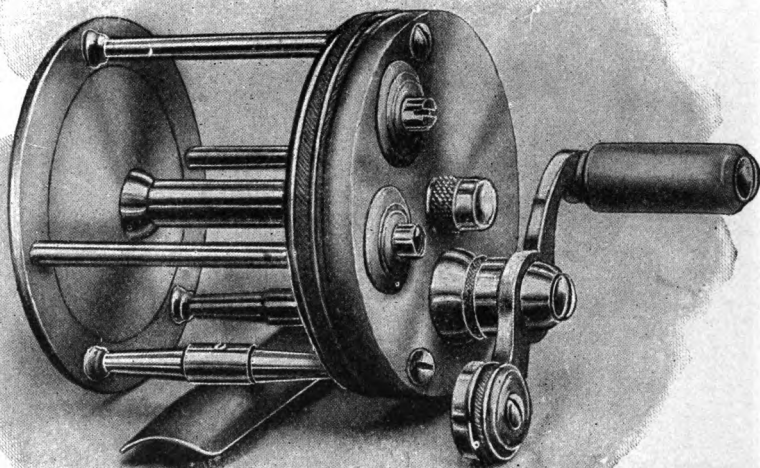
Diameter of spool ends, $1\frac{1}{4}$ inches.

DESCRIPTION

Made of best quality German silver. Ivory grasp. Steel pinion, studs and pivots hardened and oil tempered. Wheels made of the best hard rolled aluminum bronze rods. Talbot's improved spiral gears. Mirror and damaskeened finish. This is a good size for light fishing and where a large line capacity is not necessary. It is as durable and works as smoothly as a larger reel; in fact, will give a good account of itself in rough and constant service. Large fish have been brought to gaff with it in the hands of the expert angler. Holds 60 to 80 yards of fine fishing line.

No. 21, as shown in cut, Click and Oil Caps, each.....	\$20.00
No. 23, as shown in cut, Click, Oil Caps and Cap Jewels, each..	27.00
No. 25, as shown in cut, Click, Oil Caps, Cap and Hole Jewels, each	37.00
Either grade, with drag, extra.....	2.00
Aluminum spools, to order, extra.....	2.50

TALBOT REELS



Exact Size

"NIANGUA"

DIMENSIONS

Diameter of end plates, 2 inches.

Length of spool, $1\frac{1}{2}$ inches.

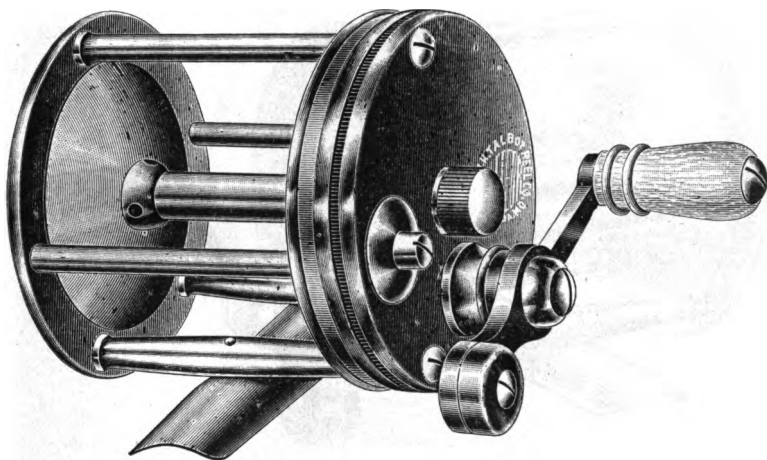
Diameter of spool ends, $1\frac{1}{2}$ inches.

DESCRIPTION

Made of best quality German silver. Steel pinion, studs and pivots hardened and oil tempered. French gray finish. Holds 60 to 100 yards of line. It will be noted that this reel has the same capacity and is very similar to our No. 3 reel, except the outside finish has less knurling and is not so highly polished and finished, but the bearings are given the same attention as No. 3, and it will fill the want of the angler that cannot afford one of the higher-priced Talbot reels. We guarantee that this is the best reel on the market for the prices given below.

Niangua, as shown in cut, Click, Drag and Oil Caps, each.....	\$15.00
Niangua, as shown in cut, Click, Drag, Oil Caps, and Jeweled...	19.00
Aluminum spools, to order, extra.....	2.50

TALBOT REELS



Exact Size

"METEOR"

DIMENSIONS

Diameter of end plates, 2 inches.

Length of spool, $1\frac{1}{8}$ inches.

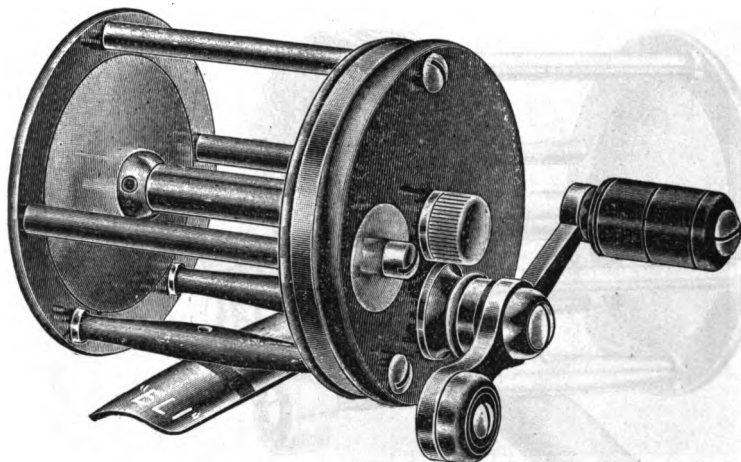
Diameter of spool ends, $1\frac{1}{2}$ inches.

DESCRIPTION

Made of best quality German silver. Steel pinion, studs and pivots hardened and oil tempered. Wheels made of best hand-drawn aluminum brass rods. Talbot's latest improved frictionless spiral gears. Ivory grasp. French gray finish. Quadruple multiplying. Line capacity, 100 yards. A magnificent reel for the price and which will render splendid service and afford perfect satisfaction in every respect to the most exacting angler, be he amateur or expert.

Meteor, as shown in cut, plain bearings, each.....	\$12.50
Meteor, as shown in cut, garnet jewels.....	15.00
Aluminum spools, to order, extra.....	2.50

TALBOT REELS



Exact Size

"ELI"

DIMENSIONS

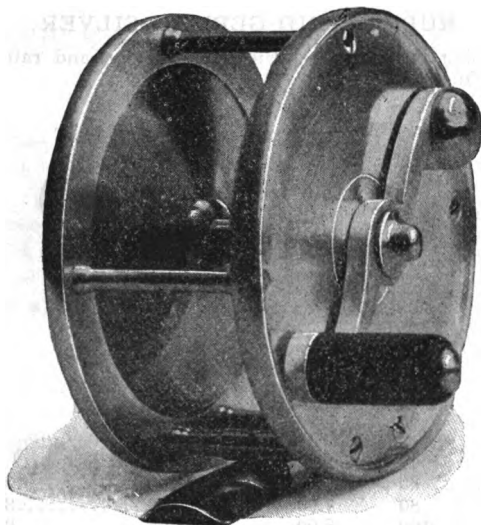
Diameter of end plates, $1\frac{3}{4}$ inches. Length of spool, $1\frac{1}{8}$ inches.
Diameter of spool ends, $1\frac{1}{8}$ inches.

DESCRIPTION

Made of best quality German silver. Steel studs, pinion and pivots hardened and oil tempered. French gray finish. Capacity, 80 yards. Has long handle of special pattern. This reel was made to fill the want of a really fine casting reel at a moderate price. No expense has been run up in the manufacture by fancy finish, etc., but the gears are of the finest and the bearings perfect. We guarantee this reel to give the angler every satisfaction as a thoroughly practical fishing reel.

Eli, as shown in cut, Click and Oil Caps, each..... \$10.00
Aluminum spools, to order, extra..... 2.50

TALBOT REELS



"BEN HUR" FLY REELS

Single Action.

Finest quality special alloy German silver end plates, bars and yoke. Aluminum spool. New click mechanism of improved pattern. Beautifully made and highly finished throughout. These reels are the perfection of their class and are built to wear and "stand the racket." They are absolutely the finest and most durable reels made and we have no hesitancy in placing them above all others. We now offer them in two sizes, as follows:

NO. 100

Diameter of end plates, 2 3-16 inches.
Holds 35 yards "E" double tapered line.

NO. 101

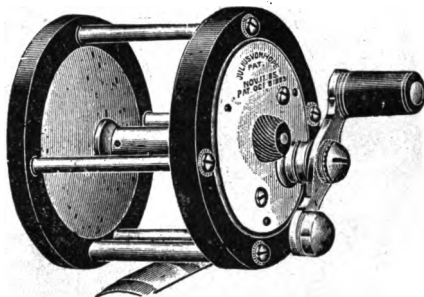
Diameter of end plates, 2½ inches.
Holds 35 yards "E" double tapered line.

Price, either size..... \$10.00

VOM HOFE DOUBLE MULTIPLYING REEL

RUBBER AND GERMAN SILVER

Back sliding click. (Steel click clog, spring and ratchet.) With patent adjusting pivot cap.

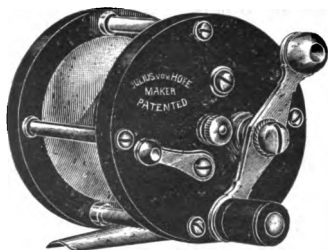


No.	Yds.	Price Each.	No.	Yds.	Price Each.
220.....	60	\$ 6.00	245.....	250	\$13.00
225.....	80	7.00	250.....	300	15.00
230.....	100	8.00	255.....	350	23.00
235.....	150	9.00	260.....	400	28.00
240.....	200	10.00	265.....	500	45.00

Nos. 250 to 265 with "Switch-Off" Gears, extra, \$6.00

A fine, high-grade reel. The larger sizes are especially desirable for tarpon, tuna and heavy salt water fishing and are fitted with extra heavy gears to withstand the great strain.

VOM HOFE'S NEW "SWITCH-OFF" REEL



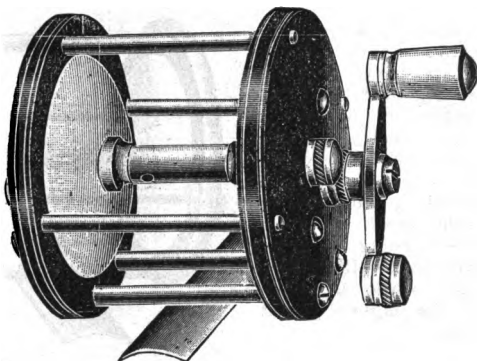
A splendid free-spool casting reel. The free-spool feature is ideal for casting live minnows and light lures and in this reel the action is perfect. Gears thrown in or out of mesh by lever on side of head plate. Has back-sliding click, adjusting pivot cap and is quadruple multiplying. Spool, $1\frac{3}{4} \times 1\frac{1}{2}$. Capacity, 80 yards.

Nickel..... \$5.00

German Silver..... \$7.50

QUADRUPLE MULTIPLYING CASTING REEL

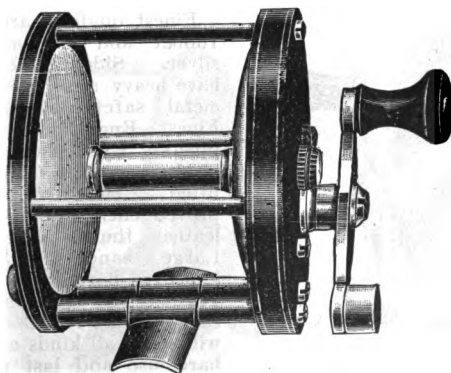
Hard Rubber and Nickel. Steel posts, pivots and pinion. Long style spool; adjustable click and drag. A good serviceable reel at a moderate price.



No. 501	Capacity, 60 yards.....	Price, \$2.00
No. 502	“ 80 “	“ 2.25
No. 503	“ 100 “	“ 2.50

TROLLING AND SALT WATER REELS

DOUBLE MULTIPLYING

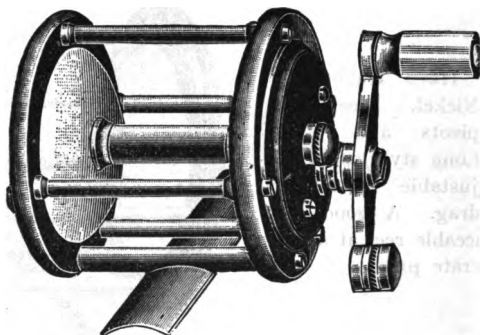


Hard Rubber and Nickel. Steel pivot. Improved click. Strong, heavy gears. Large handle with improved hard rubber grasp. A strong, durable reel that will give good service and “stand the racket.”

No.	Yards.	Pillar, ins.	Disk, ins.	Price.
701	150	2	2 13-16	\$3.50
702	200	2	3 1-16	4.00
703	250	2 1-16	3 5-16	
704	300	2 1-16	3 5-8	

QUADRUPLE MULTIPLYING CASTING REEL

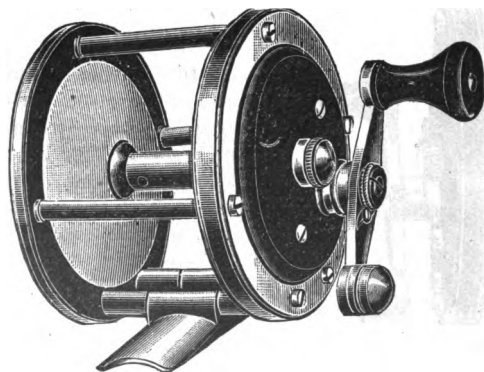
Hard rubber side plates with metal safety bands. Pivots, pinion, ratchet and spring of fine tempered steel. Adjustable click and drag. Finely finished in nickel plate. Long style spool. A fine, free-running casting reel that will do as good work as many of the higher priced reels.



No. 201	Capacity, 80 yards.	Price, \$3.50
No. 202	" 100 "	" 4.00
No. 203	" 150 "	" 4.50

FINE TROLLING AND SALT WATER REELS

DOUBLE MULTIPLYING



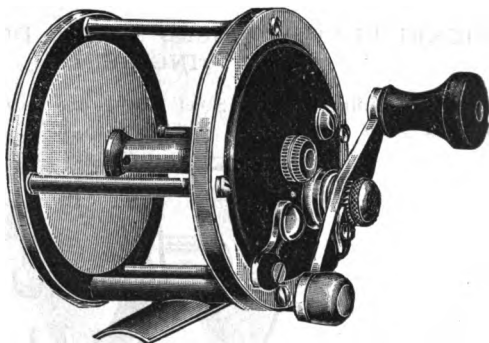
Finest quality hard rubber and German silver. Side plates have heavy reinforced metal safety bands. Finest English steel pivots. Extra heavy gears, very carefully fitted. Heavy improved click and fine leather thumb drag. Large handle with improved hard rubber grasp. A smooth, easy running reel that will stand all kinds of hard use and last a lifetime. High grade

in every respect and fully guaranteed.

No. 181	Capacity, 250 yards.	Price, \$15.00
No. 182	" 350 "	" 20.00
183	" 450 "	" 25.00

SPECIAL SURF CASTING REELS

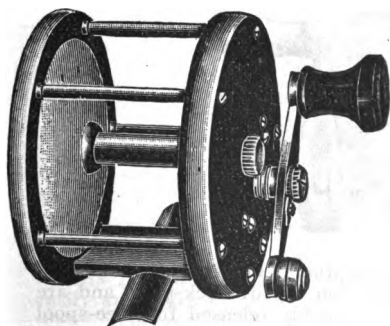
This pattern of reel is a vast improvement. By pressing a lever the gear is thrown out of mesh and the spool becomes free running, the advantage of which is apparent to every experienced angler. With reels of this style the terrific strain on the gears is entirely removed, adding years to the life of the reel. It is possible to cast a lighter bait, and longer casts can be made with less effort because so much less "elbow grease" is required.



These reels are identical in quality, make and finish as No. 181, with the addition of the "throw-off" device for releasing the gears. They are without question the best pattern of reel adapted to this style of fishing and we recommend them most highly.

No. 41	Disk, $3\frac{1}{4}$ inches.	Capacity, 250 yards.	Price, \$17.50
No. 42	" $3\frac{3}{8}$ "	" 350 "	" 25.00

TARPON AND TUNA REELS DOUBLE MULTIPLYING



Made expressly for the purpose and of the most approved pattern. Fine hard rubber side plates with extra heavy German silver safety bands. New style extra heavy solid metal bed plate. Gears and bearings of finest English steel, tempered and hardened. Heavy steel click and improved leather thumb brake. Large handle with improved hard rubber grasp. The heavy bed plate and safety bands make an absolutely rigid frame and the spool runs freely and true.

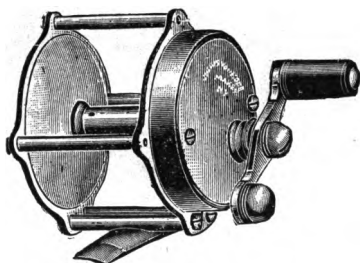
The gear and pinion mechanism is extremely powerful and the bearings are tested far in excess of any strain possible under fishing conditions. The workmanship throughout is of the very best and we guarantee them fully.

No. 444	Disk, $4\frac{1}{2}$ inches.	Capacity, 500 yards.	Price, \$25.00
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VOM HOFE REELS

NICKEL-PLATED, RAISED PILLAR, DOUBLE MULTIPLYING REELS

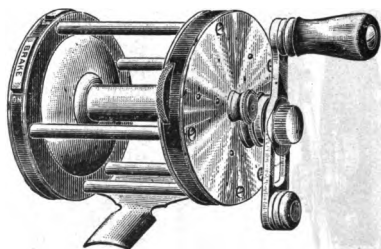
Back-sliding click. (Steel spring and ratchet.) With patent adjusting pivot cap.



Solid metal throughout. Will stand all sorts of rough usage. A good reel in the larger sizes for heavy salt-water fishing.

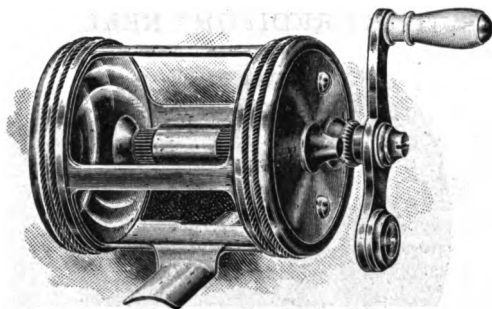
No.	550	555	560	565	570	575	580
Yards	60	80	100	150	200	250	300
Price	\$1.25	\$1.50	\$1.75	\$2.00	\$2.25	\$2.50	\$2.75

"CARLTON SPECIAL" REELS



A "free-spool" casting reel of exceptional merit. The click and drag are both operated by a sliding stop on top of back-plate and are at instant command, while the gears are quickly released for free-spool casting by slight pressure upon stop in top of head-plate. The handle is so constructed that it may instantly be lengthened a half inch, affording tremendous leverage when playing a heavy fish. Made of German silver and hard rubber, and gears, bearings and finish are first class. A thoroughly satisfactory reel for general bait casting. Quadruple multiplying. Jeweled bearings. Capacity, 80 yards. Price, \$7.50.

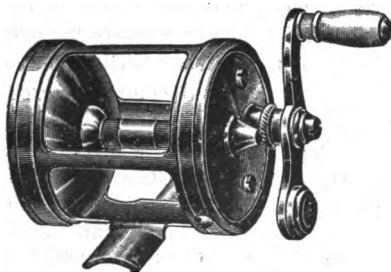
MEISSELBACH TUBULAR FRAME "TAKAPART" REELS



A first rate casting reel at a moderate price. Very light starting and easy running. Head and end plates are adjustable and handle or click can be placed in any position. Frame is made in one solid piece—no tools needed and no screws to become lost. Reel is instantly taken apart by unscrewing the ring at either end—preferably the click side—for cleaning, oiling or untangling a backlash. Quadruple multiplying. Fine steel pivots and gears. Bronze bearings. Finished in heavy nickel plate with German silver spool and plates. "Automatic" click is silent when reeling in and sounds when running out. "Regular" click is light when reeling in and stiff when running out.

No.	Yards.	Spool.	Click.	Price.
480	80	$1\frac{3}{4} \times 1\frac{5}{8}$	Regular	\$6.00
481	80	"	Automatic	6.50

MEISSELBACH "TRI-PART" REEL



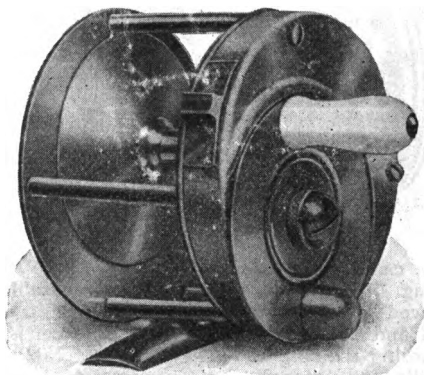
As its name implies, this reel consists of three pieces, which are easily and quickly taken apart by simply removing two screws in head-plate. The reel frame and yoke is made in one piece of hand-drawn brass (no screws, rivets or joints to work loose), and beautifully finished in nickel. The spool is of German silver and the bearings of fine steel and bronze, close fitting and smooth running. Has hardened steel click and adjustable pivot cap. A smooth-running, easy casting quadruple reel that will appeal to those desiring a good working reel at a low price.

Size, 80 yards.

Spool, $1\frac{3}{8} \times 1\frac{3}{4}$ inches.

Price, \$3.50

THE "REDIFOR" REEL



A NEW DEPARTURE IN REELS

The great advantage possessed by this reel is that it is a *multiplying* reel suitable for *fly fishing*. The old style, protruding balance handle, which was always in the way and forever catching the line, has been replaced by a flat disc, turning within the head-plate, and which offers no more obstruction than the regular single-action reel. The great benefit derived from a multiplying reel in fly fishing cannot be overestimated, and a single trial will convince the most skeptical angler.

In addition to this, it is a splendid casting reel for bait fishing, as it can be used either in the regular way or, by merely moving a thumb-nut, as a "free-spool" reel.

The latter way is especially desirable when fishing with a very light lure or for minnow casting, as long casts are easily possible without any "elbow grease" being used, the free spool being quite frictionless and having no inertia to overcome. This feature also recommends itself for trolling or still-fishing, as line can be "fed" with absolutely no drag or pull to alarm the fish.

Hand made of fine, special alloy German silver, with aluminum spool. Gears and pinions of finest English stub steel. Bearings of tempered phosphor bronze. Gears can be thrown in or out of mesh instantly and without checking or binding. Has fine steel click mechanism.

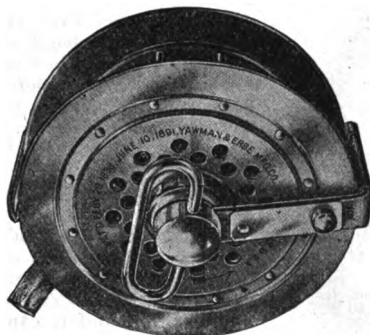
Multiplies 3 times.

Capacity, 80 yards.

Price, \$10.00

AUTOMATIC REELS

"The Little Finger Does It"



Can be used as an automatic or free running reel, or both.

STYLE A

Diameter 2 7-16; weight, 7½ ozs.

Price, \$7.00 net.

Capacity, 125 ft. No. 5 Silk Line; winds 50 ft. automatically.

STYLE B

Diameter, 3¼ ins.; weight, 11 ozs.

Price, \$8.00 net.

Capacity, 300 ft. No. 5 Silk Line; winds 90 ft. automatically.

STYLE C

Diameter, 4¼ inches.

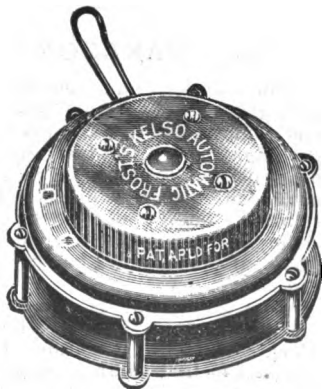
Weight, 16 ozs.

Price, \$9.00 net.

Capacity, 600 ft. No. 5 Silk Line; winds 150 ft. automatically.

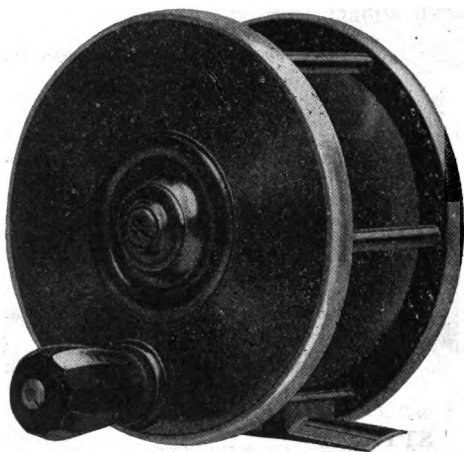
KELSO AUTOMATIC REEL

A decided improvement in automatic reels. It is considerably lighter than the old style ones; weighing but 7½ ozs. Case made of aluminum, satin finish. All working parts enclosed. Mechanism is very simple and not likely to get out of order. Spool is fitted with automatic tension, allowing line to be unreeled even when spring is fully wound. Tension can be increased at will without stopping the spool; this cannot be done with any other reel.



Size of spool, 3¼x5½; Capacity, 100 yards No. 5 line.....Price, \$4.00

THE "PERFECTION SALMON" REEL



This reel, the most perfect of its kind, has several advantages over all other reels. The hand of the angler need *never be removed from the handle* when playing his fish, as it remains *stationary* when line is running out. By a slight pressure of the finger on the handle *any degree* of drag may be applied and the fish's run checked *as much as desired*. It cannot over-run and is free to run in any position and it cannot be stopped by anything coming in contact with the handle.

The small sizes are also most desirable for bass, large trout, etc. Made of fine bronze, German silver bound, beautifully finished in ebonite. Simple and strong and has no complicated parts to get out of order.

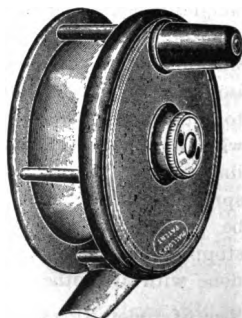
3 inch.....	\$12.00	3¾ inch.....	\$17.00
3½ "	15.00	4 "	20.00
4½ inch.....	\$25.00		

THE "PARAGON" TROUT AND BASS REEL

A new pattern imported English reel, which we highly commend. The chief feature of this reel is a novel friction device which allows the angler to obtain instantly *any degree* of drag desired. The drag is controlled by a milled disc, placed on the handle side of spindle, which is operated by a slight turn in either direction. It has a very narrow spool, which allows the line to be spooled rapidly and *evenly*.

Made throughout of fine aluminum, beautifully finished in ebonite. Has positive click, which is always in operation. Diameter of end plates, 3 inches; width of spool, ¾ inch; capacity, 40 yards E double tapered line.

Price. \$10.00

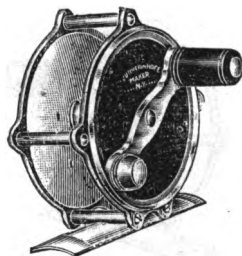


VOM HOFE REELS

FINE RUBBER AND GERMAN SILVER RAISED
PILLAR SALMON REEL

With metal safety band. (Steel click cog, spring and ratchet.)
With graduating drag, and patent adjusting pivot cap.

VERY STRONG
AND
RIGID



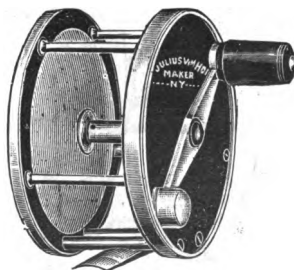
THE BEST
AMERICAN
REEL

No. 165. Diameter of disk, $4\frac{1}{4}$ inches. \$25.00 each.
We consider this the best salmon reel.

REGULAR PATTERN SALMON REEL

With metal safety bands. Steel click cog, spring and ratchet. With
graduating drag, and patent adjusting pivot cap.

HAVE BEEN
MANUFACTURED
SOLD



AND IN USE
MORE THAN
40 YEARS

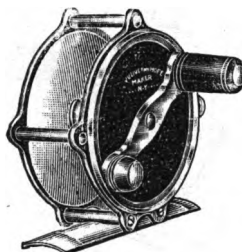
No.	170	175	180
Dia. of Disk,	4	$4\frac{1}{4}$	$4\frac{1}{2}$ ins.
German Silver,	\$22.00	\$23.00	\$25.00
Nickel,	13.00	14.00	15.00

SINGLE ACTION REELS

FINE RUBBER AND GERMAN SILVER RAISED
PILLAR SINGLE ACTION REEL

With balance handle, back-sliding click. (Steel click cog, spring and ratchet.) Making either a free running or click reel. With patent adjusting pivot cap.

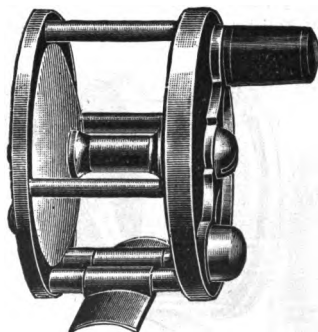
VERY STRONG
AND
DURABLE



ESPECIALLY
ADAPTED TO
HEAVY FLY
FISHING

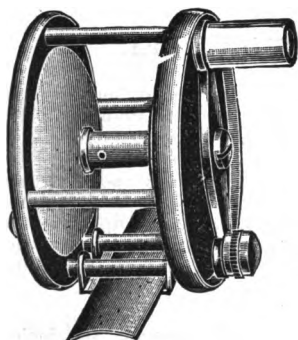
No.	150	155	160
Yards	100	150	200
Each	\$6.00	\$8.00	\$10.00

SINGLE ACTION CLICK REELS



Fine hard rubber plates and German silver spool and mountings with safety bands. Balance handle. Adjustable click. Light, strong and durable. Satisfactory in every way for general fly fishing.

No. 63. Capacity, 80 yards.....	Price, \$3.00
No. 64. " 100 "	" 3.50

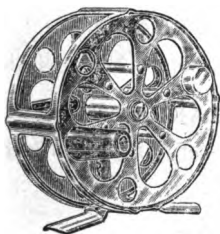


SINGLE ACTION REELS

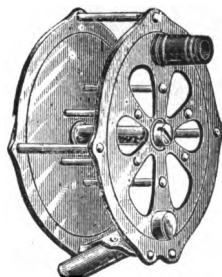
A first-class fly reel at a moderate price. Strongly made of good materials and nicely finished. Hard rubber side plates with metal safety bands. Balance handle revolving within raised edge of bands. Adjustable click. Finished in fine nickel plate.

No. 303.	Capacity,	40 yards.....	Price, \$1.00
No. 313.	"	60 "	" 1.25
No. 323.	"	80 "	" 1.50
No. 333.	"	100 "	" 1.75
No. 343.	"	150 "	" 2.00
No. 353.	"	200 "	" 2.25

THE "FEATHERLIGHT" REELS



Nos. 251-261-291

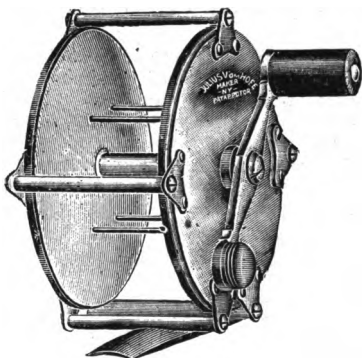


Nos. 271-281

The lightest reels made and great favorites. Removable spool. Back-sliding steel click and steel spindle. The large diameter of winding spool reels in the line considerably faster than the regular single-action pattern, while the open frame above and below allows the line to dry on the spool. Finished in nickel or bronze.

No. 251.	Capacity,	40 yards.	Weight,	2 3-16 ozs.....	Price, \$0.85
No. 261.	"	60 "	"	3 "	" 1.25
No. 271.	"	70 "	"	4 "	" 2.00
No. 281.	"	80 "	"	4 5-8 "	" 2.00
No. 291.	"	100 "	"	5 1-2 "	" 1.75

PATENT DIRECT ACTION REEL

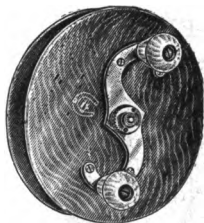


Made of hard sheet metal, heavily nickel plated. Has automatic drag, controlled by lever on back plate. The larger barrel on spool affords great power and takes in line as fast as a multiplier. The automatic drag prevents any slack when the line is running out.

No. 111. Spool, $3\frac{1}{2}$ inches diameter.

Capacity, 200 yds.. Price, \$3.50

WOOD REELS



The best made. Fine mahogany, with polished brass fittings.

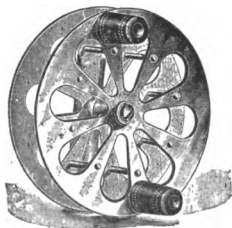
BALL BEARING

5-inch, \$2.10 6-inch, \$2.25 7-inch, \$2.75

TUBULAR BEARING

5-inch, \$1.25 6-inch, \$1.50 7-inch, \$1.75

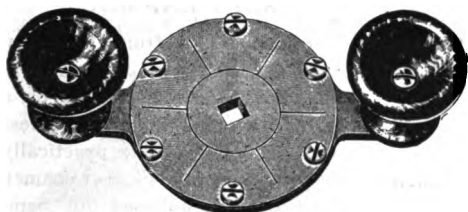
WIRE LINE REEL



This reel is made especially for deep trolling with wire lines and is the proper size and shape. The large, narrow spool takes in the line quickly and evenly. Simple in construction and nothing to get out of order. Fitted with a powerful drag, which is controlled by one finger in the same manner as an automatic reel. Strongly made of hard brass and heavily nickeled. Diameter of spool, $4\frac{5}{8}$ inches; width, 1 inch; capacity, 150 to 200 yards.

Price, \$1.75

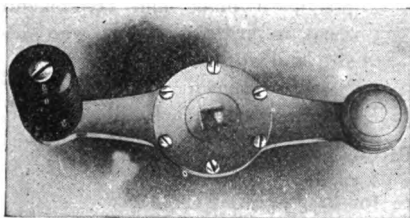
THE "RABBETH" ADJUSTABLE REEL DRAG OR BRAKE



This drag is suitable for tarpon, tuna, or other large fish. It is made from German silver, highly finished, and the workmanship is of the very best. The radical advantage of this drag consists of an adjustable connection be-

tween the crank handle and the winding drum, whereby the angler is enabled to bring a fish to gaff without once letting go of the reel handle, thereby avoiding the liability of an overrun or of the fish getting slack line. The frictional connection being easily adjustable to any strength of tackle, it becomes impossible for the fish to break it or escape final capture if fairly hooked. When a fish runs, hold the handle, and never let go of it until the fish is brought to gaff; this is done with less exertion than is required in any other way, as with this device the drag handle does not revolve when fish is running. When ordering, specify *exact* size of hole in reel handle, or, better still, send your reel to be fitted. Price, \$5.00.

THE "GOVERNOR" DRAG



This is a reduced form of the famous "Rabbeth" drag. May be fitted to any reel. Can be adjusted to give friction just within the breaking strain of the weakest point in the tackle. It never fails to do this at the critical moment. The reel having a

"Governor" attached is entirely under the control of the angler's right hand, while the left hand is free. No leather pad or other friction device is needed. The angler holds the handle and the friction disks do the rest. Any rush which would ordinarily break the line is taken up by the disks under well-regulated friction. When the fight relaxes, the angler turns the handle and the line is recovered at the full speed of the reel. Many anglers will keep on reeling in line when fish is running, and in most such cases they lose both tackle and fish. This device acts as a "Governor" on fish and fisherman.

	Nickel.	Silver.
No. 2. For Striped Bass, Bluefish, Muskallonge, etc....	\$2.00	\$2.50
No. 3. For Black Bass, Pike, Pickerel, etc.....	1.50	2.00

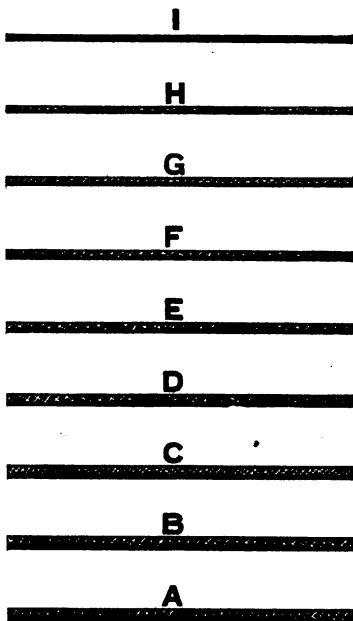
When ordering, specify *exact* size of hole in reel handle, or, better still, send us your reel to be fitted.

"IMPERATRIX" IMPORTED ENGLISH LINES

SOFT ENAMEL

Braided solid from the very finest silk and are perfection in make and finish. Enameled by a new "Vacuum Pump" process which produces a line practically one solid piece of silk and enamel. Finished and polished by hand until they are as soft, smooth and flexible as raw silk and run out straight and even—they never kink. The enamel does not "knuckle" or chip off and they will outlast any other line. There are other makes advertised as "Vacuum Dressed," but none have their wonderful flexibility and finish. We guarantee them to be the finest made and recommend them to critical anglers who desire and appreciate the best.

(Sizes shown in cut appear larger than the actual size.)



LEVEL TROUT LINES

Put up in coils of 25 yards—4 connected.

Prices are for 25 yards.

Size	I	H	G	F	E
Price	\$1.25	\$1.50	\$1.75	\$2.00	\$2.50

DOUBLE TAPERED TROUT LINES

Size F	Size E	Size D	Size C
30 yds., \$3.00	30 yds., \$3.50	30 yds., \$4.00	30 yds., \$5.00
40 " 4.00	40 " 4.50	40 " 5.00	40 " 6.00

DOUBLE TAPERED SALMON LINES

All sizes 42 yards long.

Light	Medium	Med. Heavy	Heavy	Ex. Heavy
\$7.50	\$8.50	\$9.00	\$9.50	\$10.00

TOURNAMENT CASTING LINES

Special dimensions and tapers. Particulars upon application.

"THE TOURADIF"

HIGHEST GRADE HARD ENAMELED SILK LINES

All Finished in "Water Color"



Made of best Italian filature silk. Very carefully braided and months taken to harden the enamel. A perfectly smooth and durable line. Runs freely through the rings, and will endure the hardest kind of casting for years.

We absolutely warrant these lines to be perfectly enameled and the highest quality made.

SALMON AND GRILSE LINES

Size	Length	Double Taper
B	120 yds.....	\$12.00
C	120 ".....	11.00
C	100 ".....	10.00
D	100 ".....	9.00

TROUT AND BASS LINES

Size	Length	Level	Double Taper
D	40 yds.....		\$4.00
E	100 ".....	7.00	
E	40 ".....		3.25
E	30 ".....		2.50
E	25 ".....	1.75	
F	100 ".....	6.00	
F	35 ".....		2.25
F	30 ".....		2.00
F	25 ".....	1.50	
G & H	100 ".....	5.50	
G & H	25 ".....	1.40	
Special Tournament Line, 115 feet, double tapered.....			\$5.00



"THE BIC"

ENAMELED SILK LINE

Made of pure silk, carefully braided and enameled. This line is offered to meet a demand for a cheaper line than our "Touradif." It is an excellent line and equal to many sold at much higher prices. These lines come in 25-yd. coils, 4 connected, level lines only.

Size E.	100 yds.....	\$4.00	50 yds.....	\$2.00	25 yds.....	\$1.00
Size F.	100 "	3.00	50 "	1.50	25 " ....	.75
Size G.	100 "	2.50	50 "	1.25	25 " ....	.65

BRAIDED SILK CASTING LINES

"A & F. SPECIAL"

This line is the very best quality that can be made. Manufactured of the best Italian filature silk from which the famous Italian sewing silks are made. This method preserves the full strength of the silk.

The finish is smooth and even. It is a magnificent line in every respect, and we warrant every one perfect.

Color, Bronze or Black.

Put up on spools of 50 yards, two connected. No. 6, Fine. No. 5, Medium. No. 4, Heavy.



Price per spool, \$1.50

"AJAX"



A fine quality, hard-braided silk line.

Black and white in color. Suitable for all styles of general bait fishing and a

good, serviceable line in every way. Put up on cards of 25 yards, four connected.

No.	Size	25 yds.	100 yds.
6.	Fine.	\$0.50	\$1.75
7.	Medium.	.55	2.00
8.	Heavy.	.60	2.25
9.	Extra Heavy.	.75	2.75

BRAIDED SILK CASTING LINES

"TROJAN"



Our own special line. Made from the purest Italian filature silk. Very strong for its size and will outwear and outlast any other line of the same calibre. This line is a cylinder braid over hand-laid core, is soft, smooth, free-running and elastic. Green and white in color. Size, 5½.

Put up on spools of 50 yards, two connected.

Price per spool, \$1.50

MARTIN'S "KING FISHER"



These famous lines need no introduction and are known to anglers of every degree. Made expressly for bait casting from specially twisted silk of fine quality and is a splendid line for hard service. Color, white with black thread.

Put up on spools of 50 yards, two connected.

No. 6. Light.....	Per spool, \$1.00
No. 5. Medium.....	" " 1.15
No. 4. Heavy.....	" " 1.25

MARTIN'S "SLICKEST"



Made of the best silk for hard, rough fishing. These lines are braided "square" and are very close and hard. They are too hard for long casting and fine work. Recommended particularly for general lake fishing and heavy bait casting. Drab in

color, speckled with red and green. Spools of 50 yards, two connected.

No. 6. Light.....	Per spool, \$1.00
No. 5. Medium.....	" " 1.25
No. 4. Heavy.....	" " 1.50

"ROYAL BLUE" TOURNAMENT LINE



This is the very finest line of its kind ever made, both as to size and quality. We have experimented steadily with this line for years until we now have it perfect. In use generally by the best amateur and professional tournament casters and holds a large majority of all bait casting records. Perfectly braided from the very finest quality of silk procurable. Carries very little water, runs smoothly from the reel and is positively the best line made for accurate and long distance casting. Black in color.

Put up on spools of 50 yards, two connected.

Price per spool, \$1.00.

"MOHEGAN" WIRE TROLLING LINES

Fine quality copper wire braided over heavy silk core. Very soft and flexible and easily wound upon reel. Possesses great strength and will not rust. Wire lines are now generally recognized as the proper tackle for deep water trolling such as togue, lake trout, "namycush," etc., as they require less lead to sink them. They are perfectly rigid and as the fish must strike against a taut line he invariably hooks himself. Put up on spools of 50 yards, two connected. Price per spool, \$2.25.

"HERCULEAN" BRAIDED LINEN LINES

Made from fine quality, long-fibre Irish flax. Entirely free from sizing and injurious dyestuffs. Very smooth in finish and of uniform size and texture. Put up in hanks of 25 yards, four connected.

No.	Style.	25 yds.	100 yds.
3	Fine	\$0.20	\$0.75
2	Medium Fine .....	.25	.80
1	Medium .....	.25	.90
0	Medium Heavy .....	.30	1.00
2/0	Heavy .....	.35	1.25
3/0	Extra Heavy .....	.45	1.50

HAWSER LAID LINEN

An extra heavy line of large calibre and tremendous strength. Especially desirable for deep sea trolling and for "hand-line" fishing as the large size does not cut the fingers.

Put up in hanks of 250 feet.

Price per hank, \$1.50

TWISTED LINEN LINES

"TARPON AND TUNA"



Hall's celebrated make and the finest linen lines made in the world. Made from the very finest procurable Irish and Italian flax, and warranted hand-laid. Absolutely free from starch, sizing, dye or filling of any kind. Each line is tested and the actual strength test is over two pounds per thread, thus—No. 24 will test over 48 lbs. pull. All *twisted* linen lines should be "set" before using. Immerse in water until thoroughly wet. Stretch line taut and dry. This lessens its liability to "kink," and helps to even its strength.

Nos. 18 to 30 are Tarpon sizes.

No. thread.	100 yds.	200 yds.	300 yds.
9.	\$1.35	\$2.75	
12.	1.50	3.00	
15.	1.65	3.25	4.85
18.		3.50	5.25
21.		3.65	5.50
24.		3.75	5.75
30.		4.25	



"A. & F. CUTTYHUNK"

Made especially for us and of the very highest grade. Smooth, strong and uniform. Natural color and free from sizing and dye. Warranted to give satisfaction. Put up on spools of 50 yards, two connected.

Price per spool:

No. 9, 25c.	No. 12, 30c.
No. 15, 35c.	No. 18, 40c.

TWISTED COTTON LINES

Suitable for light "hand lines" and for rigging pickerel traps, etc. In hanks of 50 feet. Per hank, 10c.

SILK WORM GUT

VERY FINEST QUALITY IMPORTED

PUT UP IN HANKS OF 25 STRANDS.

The average angler is not aware of the vast difference in quality and cost of imported gut and of the fact that it is often extremely difficult to procure the first quality. We call particular attention to our stock, which is of the *very highest quality only*—we carry *no* cheap gut, believing it only a waste of time and money. Our gut is all hand polished and *carefully selected*, which naturally adds to the cost, but the benefit to the user is more than commensurate with the price. For the greater convenience of anglers, we are now putting up our gut in hanks of 25 strands, instead of the old method of 100 strands to a bundle.

SELECTED NATURAL GUT

HANKS OF 25 STRANDS

Length in Inches.....	10	12	14.	15	16	17	18
Light Trout				\$0.65	\$0.75	\$0.85	\$1.00
Medium Trout			\$0.45	.50	.65	.75	.90
Heavy Trout .....			.60	.75	1.00		
Regular Bass		\$0.50	.65	.75			
Heavy Bass .....		.85	1.00	1.15			
Extra Heavy Bass.....	\$1.30	1.40	1.50	1.65			
Medium Salmon	1.50	2.00	3.50				
Heavy Salmon	2.00	3.50					

DRAWN GUT

STAINED AND SELECTED

Length in Inches.....	15	16	17	18	20
Special Extra Light.....		\$0.75	\$1.00	\$1.25	\$1.75
Very Light	\$0.50	.60	.75	1.00	1.50
Medium Light .....	.45	.50	.60	.85	
Light .....	.50	.65	.75		
Medium .....	.75	1.00			

“ZEPHYR” SILK WORM GUT

The same from which we make our famous “Zephyr” Leaders. All strands are *36 inches long* and warranted perfect. Stained mist color. Hanks of 25 strands.....Price, \$3.50

“TIPPETS” FOR EYED FLIES

Those who use eyed flies will find these to be a great advantage and a saving to leaders. For those who prefer to attach snells to eyed flies, for greater convenience in changing, they are invaluable. Tied with loops and stained mist color.

Light and Medium, $4\frac{1}{2}$ inches long.....Per dozen, 25c.

LEADERS

SILK WORM GUT

The very finest quality imported stock and we use only the highest grade of gut it is possible to obtain, great care being taken in the selection.

We sell no "cheap" gut, either in leaders or flies, and warn all anglers against using it—it is only a waste of time and money, to say nothing of fish and temper lost. We use a special knot on our leaders, which is so tied as to leave both ends of the strands in the center of the knot, and finishes round and smooth—it is the best knot used. All our leaders may be had with or without loops, as desired, but unless specified we will send loops.

Furnished in mist, green or mud colors. The colored leaders are particularly desirable for fishing streams when a bit "off color."

No.	Grade.	3 ft.	6 ft.	9 ft.
XX	Gauze		\$0.35	\$0.50 each
X	Extra Light .....		.30	.45 "
A	Light	\$0.15	.25	.40 "
B	Standard .....	.20	.30	.45 "
C	Heavy .....	.25	.45	.65 "
D	Extra Heavy .....	.35	.75	1.00 "

SALMON LEADERS

This is a line in which we take especial pride, and we spare no effort to procure the very highest quality obtainable.

We use nothing but fresh, imported stock and all are tied with our famous knot and with extra long end loops. Every leader is carefully tested and warranted perfect.

Regular stock is all in 3-yard lengths, but we will tie shorter or longer lengths to order at proportionate prices.

No.	Grade.	Each.
A. S.	Light	\$1.50
B. S.	Medium	2.00
C. S.	Heavy	2.50
D. S.	Extra Heavy	3.00
E. S.	Royal Select	4.50
F. S.	Heaviest Imperial	6.50

THE NEW "ZEPHYR" LEADER

This beautiful leader realizes the dream of the angler since silk worm gut first became known. After years of fruitless experiment a method has at last been discovered whereby it is possible to produce strands of the most *perfect gut three feet in length!* We have secured the finest lot of all and are able to offer them at a very moderate price when their beautiful quality is considered. At present we can only supply them in "Fine" sizes, but we hope, eventually, to succeed in obtaining them in all sizes. "Zephyr" Leaders, 9 feet long. Tied with 3 strands of 3 feet. Mist color. Each, \$1.00. Per dozen, \$11.50.

TROLLING LEADERS AND TRACES

No.	Style.	Price each 3 ft.	6 ft.
A. T.	Double Gut	\$0.25	\$0.50
B. T.	Twisted Treble Gut—1 swivel.....	.40	
C. T.	Twisted Treble Gut—2 swivels.....		.75
D. T.	6-ply Cable Gut—lashed ends.....	.30	
E. T.	Bronze Wire, rust-proof—2 swivels and link...	.15	
F. T.	Same, extra heavy.....	.25	

STEEL LEADERS

No. 1.	3 ft. long. Swivel at each end; each.....	\$0.10
No. 2.	6 ft. long. Swivel each end and in center; each.....	.25
No. 3.	3 ft. long. Twisted silvered wire—1 swivel; each.....	.15
No. 4.	5 ft. long. Twisted silvered wire—2 swivels; each.....	.25
Fine quality twisted bronze wire—rust-proof—for leaders, per yard, 5c.		

ENGLISH TWISTED STEEL LEADERS

Not in many years has such an improvement been made as in these leaders—it is what anglers have desired since the days of Isaac Walton.

Made from the very finest of steel, amalgamated and silver plated in black. They possess enormous strength—will not rust—will not kink—and are as flexible as heavy gut. They are very light in weight and can be used in any style of fishing, the same as regular gut leaders. With these leaders it is possible to fish rocky streams and water containing snags, weeds, etc., without danger of losing your leaders through "sawing" or chafing. It is ideal for such fishing as muscallonge, pike, pickerel, and all fish which are likely to cut or "strip" a line. Its size on standard gut scale is "light salmon."

CARRIED IN STOCK AS FOLLOWS

No. 5.	18 inches long. Bronze clew spring one end—bronze swivel one end	Each, \$0.50
No. 6.	36 inches long. Bronze clew spring one end—bronze swivel one end and in center.....	Each, .75
No. 7.	72 inches long. Bronze clew spring one end—bronze swivel one end	Each, 1.00

ARTIFICIAL FLIES

Our flies represent the very best quality it is possible to produce. All are of the "Reversed Wing" pattern, tied true to the standard, and only the best obtainable materials are used. Our regular stock we have tied on Sproat hooks, of the finest imported quality, but will furnish any desired hook and tie special flies to order at short notice.

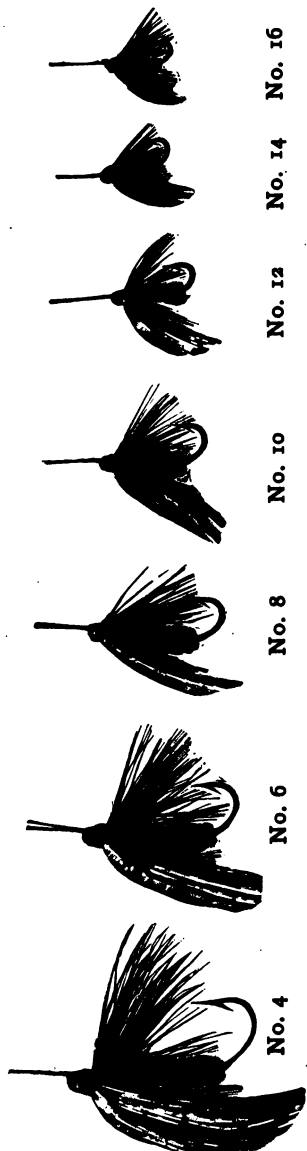
Being practical anglers ourselves, and familiar with the various styles of fishing in vogue in different parts of the country, as well as the proper tackle required, we are in a position to advise and help patrons outfitting for waters strange to them. The illustrations shown represent the sizes carried in stock.

Prices are as follows:

Nos. 8 to 16. Single Snelled;
per dozen \$1.00

Nos. 4 to 6. Snelled with
"helpers"; per dozen 1.50

No. 2 and larger. Snelled with
"helpers"; per dozen 1.75



LIST OF REGULAR FLIES

PATTERNS MARKED * CONSIDERED GOOD FOR BASS

Al. French	Cowdung	*Orange & Black
*Alexandria	Caddis	Polka
Alder	Darling's Fancy	Parmachenee Belle
Abbey	Downlooker	Parmachenee Beau
Babcock	Deer	*Professor
*Belgrade	*Epting	*Quack Doctor
*Benny	Evening Dun	Queen of Waters
*Brownie	Furnace Hackle	Quaker
*Bloody Butcher	Furnace	Raven
Black Drake	Ferguson	Red Ibis
Black Prince	Gray Fox	Red Spinner
Black Gnat	Gray Hackle	Red Hackle
Black Moose	Gray Hackle, Red	Red Ant
Black Hackle	Body	Red Fox
Black Hackle, Yellow	Gray Drake	Red Tag
Body	Gray Miller	Rube Wood
Black Palmer	Green Hackle	*Royal Coachman
Black Ant	Green Drake	*Seth Green
Brown Hackle	Golden Spinner	Silver Stork
Brown Hackle, Red	*Grizzly King	*Silver Doctor
Body	Governor	Silver Dun
*Brown Hackle, Yellow	Great Dun	Stone Fly
low Body	General Hooker	*Sassycat
Brown Palmer	Gold Stork	Tootle Bug
Brown Spinner	Ginger Hackle	Van Patten
Brown Hen	Gold Monkey	*White Tip Montreal
Brown Adder	Hare's Ear	White Miller
Brown Coughlin	Helen	White Moth
Brown Ant	*Jungle Cock	Wood Duck
Beaverkill	Jenny Lind	Willow
Blue Dun	Katydid	Willow Drake
Blue Bottle	King of Waters	*Wickham's Fancy
Bee	Lead Wing Gnat	Yellow Coachman
Beauty	Lead Wing Coachman	Yellow Professor
Barrington	*Lord Baltimore	*Yellow Sally
Cahill	*Montreal	Yellow Miller
Claret	March Brown	Yellow Hackle
*Coachman	McGinty	*Yellow May
Cochy-y-bon-dhu	Monk	*Yellow Montreal
Cinnamon	Orange Spinner	Zulu
Claret Gnat	*Oriole	
Canada	Orange Miller	

Jungle Cock wings on all flies supplied to order, 50 cents per dozen extra.

Special patterns tied to order at short notice.

SNELLED PENNELL EYED FLIES

Tied on the finest quality, imported Pennell turn-down eye hooks. The great advantage of this style of fly is that the snell is subject to far less wear where it is joined to the hook. When it becomes chafed or broken, the old snell may be removed and a new one attached to the eyed hook, or the fly may be attached directly to the leader. The following patterns carried in stock; sizes, 6, 8, 10 and 12.

Price per dozen, \$1.25.

Alexandria	Gray Palmer	Rube Wood
Black Palmer	Governor	Royal Coachman
Black Gnat	Helen	Silver Doctor
Brown Palmer	Ibis	Stone
Brown Adder	Jenny Lind	Sassycat
Beaverkill	Jungle Cock	White Moth
Cahill	Montreal	Wickham's Fancy
Cowdung	Orange Spinner	Willow
Furnace	Parmachenee Belle	Yellow May
Grizzly King	Professor	
Gray Fox	Queen of Waters	

ENGLISH "MATCHED WING" EYED FLIES

The use of these flies has greatly increased in the last few years and we have imported a fine assortment. They are exquisitely made and of beautiful quality. A most excellent fly for very fine fishing and for clear, white water it is unexcelled. Tied on turn-down eye Sneck bend hooks. Sizes 10, 12 and 14 in the following patterns:

Price per dozen, \$1.00.

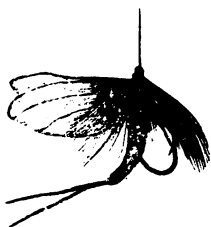
Alder	Oak	Gov. Alvord
Black Gnat	Seth Green	July Dun
Black Prince	Olive Gnat	Woodcock & Hare's
Yellow Sally	Red Ant	Ear
Wickham's Fancy	Stone Fly	Green Drake
March Brown	Red Spinner	Silver Dun

For "tippets" or snells for above, see page 252.

SNELLED "GAUZE WING" FLIES

A clever imitation of the transparent wings of the natural fly. Tied with French Silk Fibre wings on Sproat hooks; sizes, 8 and 10. We carry the following patterns only. Price per dozen, \$1.25.

Abbey	Montreal	Royal Coachman
Coachman	Parmachenee Belle	White Miller
Cowdung	Professor	
Grizzly King	Queen of Waters	



IMPORTED "MAY FLIES"

Tied with French Silk Fibre "Gauze Wings" to represent the wings of the natural fly, and with soft rubber bodies and tails. The closest imitation of this fly made and a great killer on most waters in the proper season.

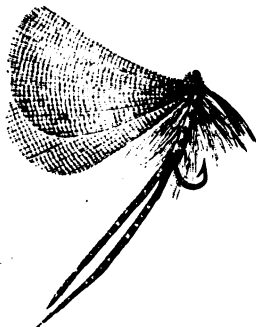
Snelled on Sproat hooks, sizes 4, 6, 8, 10, and 12.....Per dozen, \$1.50

ENGLISH FLOATING "MAY FLIES"

The very finest quality and the most beautifully tied flies we have ever seen. Upright matched wings on turn-down eye Sneek hooks, size 12:

Price per dozen

Summer Duck	\$3.50
"Floating May"	2.50
Floating May, with cork bodies.....	3.00



ENGLISH FLOATING FLIES



By a peculiar method of tying and arrangement of the hackles, these flies are so made that when lightly cast they will float *naturally* upon the surface of lakes or slow-running streams. Experienced anglers will find them a most fetching lure for "pool" fishing in the late spring and early summer. To meet the growing demand in this country we now import a special grade of the very finest quality. Tied on turned-down eye Sneek hooks, *without snells*, sizes 12 and 14, in the following patterns:

March Brown	Evening Dun	Gray Drake	Black Gnat
Beaverkill	Yellow May	Stone	White Miller
Whirling Dun	Willow	Queen of Waters	Cahill

Price per dozen, \$1.25.

For "tippets" or snells for above flies, see page 252.

BUCKTAIL BASS FLIES

Largely used and a great favorite on many waters. Wings and hackles made from the hair of a buck's tail. Tied on best hollow-point Sproat hooks, snelled with helpers, sizes 4 and 6 in the following patterns. Price per dozen, \$1.25.

Buck	Doe	Fawn	King Buck	Princess Fawn	Queen Doe
------	-----	------	-----------	---------------	-----------

LOOPED FLIES

A fine style of fly and much used for salmon, bass, large trout, and all heavy fishing—also for fly spoons, spinners, etc. Beautifully tied on Sproat hooks with *twisted* gut loops.

The following patterns carried in stock:

White Tip Montreal	Jenny Lind	Seth Green	Brownie
Parmachenee Beau	Lord Baltimore	Gold Stork	Helen
Wickham's Fancy	Jungle Cock	Ibis, J. C.	Monk
Royal Coachman	Quack Doctor	Sassycat	Bee
Queen of Waters	Brown Palmer	B. Pond	Belgrade
Bloody Butcher	Silver Doctor	Benny	Ferguson
Parmachenee Belle	Yellow Sally		

(Any pattern tied to order.)

Price per dozen: sizes 6 to 2, \$2.00; sizes 1 to 1/0, \$2.50.

SPECIAL GRADE LOOPED FLIES



We have developed this superb line of flies to meet the wants of those desiring an extra fine fly. Outside of our imported Salmon flies they are the finest flies made. They are all handsome, "showy" patterns and have proved great "killers" for large trout, bass, and salmon. Tied on finest quality Sproat hooks, with *twisted* gut loops. The following patterns carried in stock:

Golden Pheasant	Grasshopper
Fiery Brown	Saranac
Humming Bird	Cracker
Golden Rod	Marston
King of the Woods	Cheney
Blue Jay	

Price, sizes 8 to 1, per dozen, \$3.00.

Cassard Tomah Jo Hill Fly Cleveland Moose Fairy

Price, sizes 8 to 1, per dozen, \$3.50.

SPECIAL SOUTHERN FLIES

Of late years many fishermen have taken up fly fishing in Southern waters for channel bass, tarpon, etc., and the sport is steadily coming into favor. For this purpose we carry in stock a special line of flies, tied on extra quality, hand-forged O'Shaughnessy hooks, with *twisted* gut loops, in the following patterns:

Parmachenee Belle	Royal Coachman	Alexandria	Sassycat
Silver Jungle Cock	Silver Doctor	Ferguson	Cracker

Price, Size 5/0.....Per dozen, \$5.00

Price, Size 1/0.....Per dozen, 3.50

SALMON FLIES

Our Own Special Line

Our flies are the very best quality imported Scotch, English and Irish patterns, all tied true to standard. Only the very finest of natural feathers and dressings are used and no expense is spared in either material or labor. The hooks are all of the very best grade and the tying is most carefully done.



DOUBLE HOOKS WITH TWISTED GUT LOOPS

Patterns:	No. 2	No. 4	No. 6	No. 8
Black Dose	Per doz., \$6.50	\$6.00	\$5.50	\$5.25
Butcher	Per doz., 6.50	6.00	5.50	5.25
Durham Ranger	Per doz., 6.50	6.00	5.50	5.25
Dusty Miller	Per doz., 6.50	6.00	5.50	5.25
Fairy	Per doz., 3.50	3.00	2.75	2.50
Fiery Brown	Per doz., 5.75	5.00	4.50	4.00
Jock Scott	Per doz., 7.00	6.50	6.00	5.50
Silver Doctor	Per doz., 6.50	6.00	5.50	5.25
Silver Grey	Per doz., 6.50	6.00	5.50	5.25
Thunder and Lightning.....	Per doz., 6.50	6.00	5.50	5.25
President	Per doz., 6.50	6.00	5.50	5.25

We can supply any standard patterns at short notice.

SINGLE HOOKS WITH TWISTED GUT LOOPS

Preferred by many to the double hook pattern. Much used for fishing in rough streams and in "high water."

Patterns:	No. 1/0	No. 1	No. 2	No. 4	No. 6
Jock Scott	Per doz., \$7.50	\$7.00	\$6.50	\$6.00	\$5.75
Silver Doctor	Per doz., 7.25	6.75	6.25	5.75	5.50
Silver Grey	Per doz., 7.25	6.75	6.25	5.75	5.50
Durham Ranger	Per doz., 7.00	6.50	6.00	5.50	5.25
Butcher	Per doz., 7.00	6.50	6.00	5.50	5.25
Fiery Brown	Per doz., 5.00	4.75	4.50	4.00	3.75
Fairy	Per doz., 3.50	3.00	2.75	2.50	2.25
Black Dose	Per doz., 7.00	6.50	6.00	5.50	5.25
President	Per doz., 7.00	6.50	6.00	5.50	5.25

IRISH SALMON FLIES

We carry a fine selected stock of assorted "Shannon" patterns at the following prices per dozen:

Assorted "Shannon," No. 2.....	\$5.00	No. 4.....	\$4.75
Assorted "Shannon," No. 6.....	4.50	No. 8.....	4.00

SINGLE HOOK SALMON FLIES

Single Snelled with Whipped Helper

Largely used by experienced anglers for Small Salmon, Grilse, Ouananiche and Sea Trout.

We use only the finest *natural feathers*, fully dressed, mounted on best quality Sproat hooks.

Jock Scott

Fairy

Black Dose

Silver Grey

Durham Ranger

Silver Doctor

Fiery Brown

Price per dozen, assorted

No. 2, \$6.50.

No. 4, \$6.25.

No. 6, \$5.75.

No. 8, \$5.50.

SINGLE HOOK SALMON FLIES

Ordinary Dressing

Jock Scott

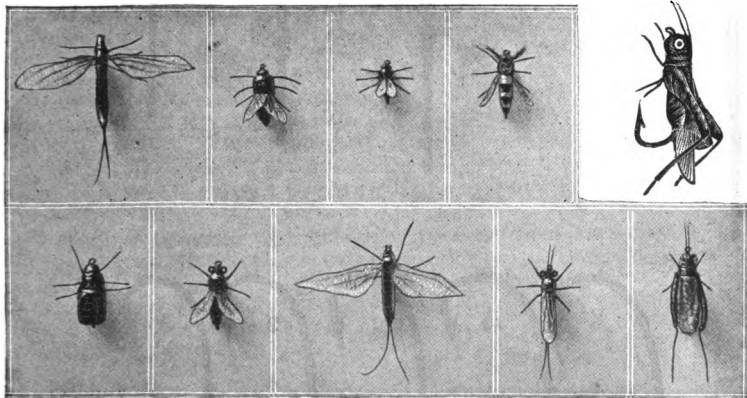
Silver Doctor

English Jay

President

Per dozen: No. 1, \$5.00; No. 4, \$4.50; No. 6, \$3.75.

ARTIFICIAL INSECTS



We beg to call particular attention to this line, which is far superior to the kinds usually sold. Very fine soft rubber bodies on highest quality eyed hooks (without snells), and with silk gauze wings. All are beautifully made and true to life in the smallest detail. The closest possible imitation of the natural insects and a most deadly lure at all seasons, and especially so during the low water of summer.

Stone Fly

Blue Bottle

May Fly

Shad Fly

Bee

House Fly

Grasshopper

Cricket

Beetle

Wasp

Price each, 25c.

ARTIFICIAL GRUBS

Fine chenille bodies of proper size. Very natural and life-like in appearance. Mounted on fine quality Sproat hooks with 5-inch snells.

Price per dozen, \$1.50.

HOOK SIZES

We give below the standard sizes of Sproat hooks for comparison:

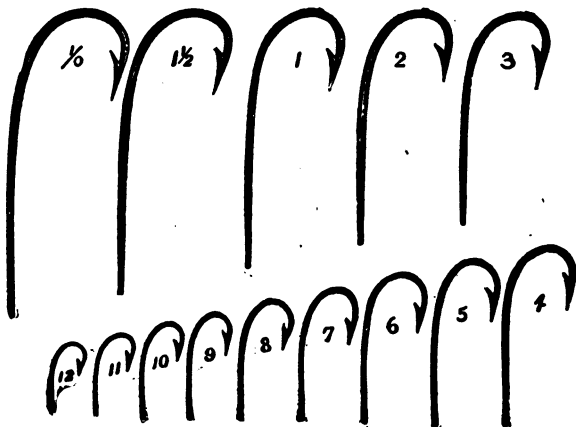
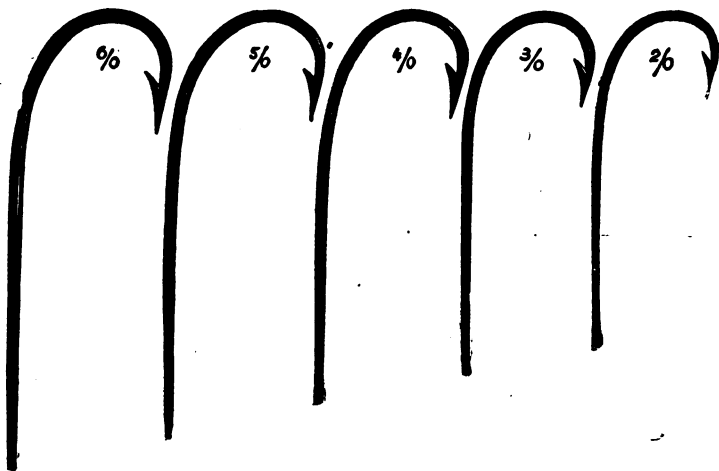


TABLE OF COMPARATIVE HOOK SIZES

Sproat—Pennell.	}							
Carlisle—Aberdeen.								
Sneck—O'Shaughnessy.								
		1 to 10	1/0	2/0	3/0	4/0	5/0	6/0
Cincinnati Bass		22/26	21	20	19	18	17	16
Chestertown-Blackfish		8/12	7	6	5	4	3	2
Virginia		6/ 8	5	4	3	2	1	1/0
N. Y. Trout.....		4/10	3	2	1	1/0	2/0	3/0
Kinsey		13/20	12	11	10	9	8	7
Central Draught		25/30	24	23	22	21	20	19

SNELLED HOOKS

We carry only one grade of snelled hooks—the very finest imported English quality. The hooks are the highest grade of fine spring steel, beautifully tempered and carefully selected. Points are all hollow ground and the japping is perfect. We desire to call particular attention to the snelling of these hooks which is far superior to any other make. Every hook is carefully *tested* and we warrant them absolutely perfect. Put up one-half dozen in a package.

SNELLED PENNELL HOOKS

Genuine imported "Cholmondeley-Pennell" turn-down-eyed, bronzed, snelled with finest selected mist color gut. One-half dozen in package.

Nos. 5, 7 and 9, per dozen.....	On single gut, 50c.
Nos. 3 and 1, per dozen.....	" " " 55c.
No. 1/0, per dozen.....	" " " 60c.

SNELLED O'SHAUGHNESSY HOOKS

Our stock is of the very finest as to quality and shape. Bronzed hooks, carefully tested, snelled with finest grade mist color. One-half dozen in package. The following sizes carried in stock on single gut:

Nos. 8, 6, 4, 2, and 1, per dozen.....	35c.
No. 1/0, per dozen.....	45c.
No. 2/0, per dozen.....	50c.

SNELLED CINCINNATI BASS HOOKS

Finest Imported Grade

Nos. 21, 22, 23, and 24, on single gut, per dozen.....	35c.
Nos. 21, 22, 23, and 24, on double gut, per dozen.....	50c.

SNELLED ABERDEEN, SNECK, SPROAT AND CARLISLE HOOKS

One-half dozen in a package.

Size		Single Gut	Double Gut	Treble Gut	Gimp
1 to 10	Per dozen	\$0.30	\$0.40	\$0.50	\$0.50
1/0 to 3/0	" "	.35	.50	.50	.50
4/0 to 5/0	" "		.60	.60	.55
6/0 to 7/0	" "		.75	.75	.65

LOOPED SPROAT HOOKS

Many prefer this style of hook for heavy fishing and we now carry an assortment of standard sizes. Very highest quality hooks, hollow point. Snelled with extra grade gut loops one inch long.

Size		Single Gut	Double Gut	Treble Gut
1 to 10	Per dozen	\$0.60		
1/0 to 2/0	" "	.70	\$0.80	
3/0	" "		.85	
4/0 to 6/0	" "			\$1.10

WIRE MOUNTED HOOKS

Very finest quality. Each one warranted perfect.

No. 1.	Hand-forged O'Shaughnessy, No. 6/0, bronzed, mounted on 8-inch, 2-jointed German silver snood and swivel; each....	\$0.15
No. 2.	Same as above, but No. 8/0 O'Shaughnessy, bronzed; each	.20
No. 3.	Bronze O'Shaughnessy, size 6/0, mounted on .24-inch, 2-jointed bronze wire and swivel; each.....	.20
No. 4.	Same as No. 3, size 8/0; each.....	.25
No. 5.	Finest hand-forged O'Shaughnessy, mounted on soft, twisted phosphor-bronze, 5-inch snells, size 3/0, per dozen....	.90
No. 6.	Same as above, size 5/0, per dozen.....	1.10
No. 7.	Same as above, size 7/0, per dozen.....	1.30
No. 8.	Short-shank Aberdeen, with turn-down eyes, mounted on 8-inch, soft cable laid bronze wire, size 2/0, for Togue, Bass and Lake Trout, per dozen.....	.90
No. 9.	Same as above, size 4/0, for Pike, Blackfish, Pickerel, Striped Bass, etc., per dozen.....	1.15
No. 10.	Same as above, size 5/0, per dozen.....	1.25

TARPON AND TUNA HOOKS

We have given much attention to these hooks and believe the line we offer to represent the best for each particular purpose. Many different styles and makes are upon the market, but we have discarded all but those which we have proven to be thoroughly trustworthy and reliable.

Plain ringed, hand-forged O'Shaughnessy; size 10/0; per dozen..... \$1.00

Plain needle-eyed O'Shaughnessy, per dozen85

Special flat top ringed for use with snoods 1.25

No. 1. For general fishing; mounted with 36-inch plaited *linen* snood, bound with copper wire and with swivel; each70

No. 2. For surface fishing in the "passes" or over the bars; mounted with 2-jointed, 24-inch phosphor-bronze snood and swivel; each..... .30

No. 3. For deep fishing and "inside trolling"; mounted on 30-inch rawhide snood; our special model and a very good general hook..... .35

No. 4. For general deep fishing and trolling; mounted on 4½-ft. phosphor-bronze snood, with 4-inch chain between hook and snell; swivel; hook is the famous "Van Vleck"; each.. .65

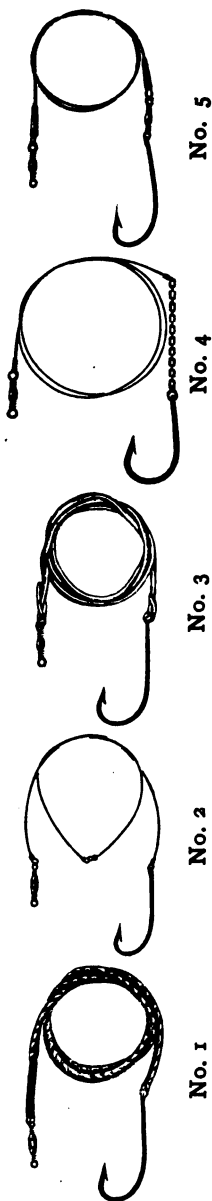
No. 5. Mounted on 30-inch heavy phosphor-bronze cable snood and two swivels; metal sheath over knots; each85

For general fishing we recommend Nos. 1 and 3.

These hooks, while they will hold the largest tarpon, are so mounted that a shark, the bane of tarpon fishermen, will "chaw off" and save you much time and tackle.

Hooks mounted in any style to order.

Piano wire or phosphor-bronze wire for snoods and leaders, per yard, 5 cents.

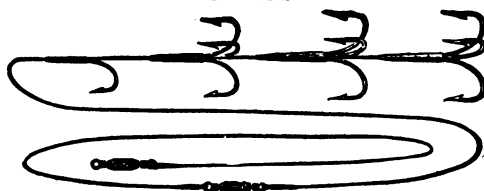


O'SHAUGHNESSY TANDEM HOOKS

Hand forged hooks of fine quality. For use with or without spinner. Sizes 4-0, 5-0, 6-0.

With 4-ply hand twisted gut loops, each..... 20c.

With phosphor-bronze (rust-proof) wire loops..... 25c.

GANGS**No. 1. Two Treble Hooks and Lip Hook:**

Treble Twisted Gut. 6 ins. long, with swivel; price..... 30c.

Gimp Trace. 6 ins. long, with swivel; price..... 25c.

No. 2. Three Treble Hooks and Lip Hook:

Treble Twisted Gut. 12 ins. long, with 2 swivels; price..... 40c.

Gimp Trace. 12 ins. long, with 2 swivels; price..... 35c.

FROG CASTING GANGS

The best. 2 Hooks and Adjustable Lip Hook:

No. 1. Single Gut and Swivel. No. 1 hooks, each..... 30c.

No. 2. Double Gut and Swivel. No. 2/0 hooks, each..... 40c.

WORM GANGS

Three fine Sproat hooks mounted on 5-inch snell for brook fishing with worms, grubs, etc. Each, 10 cents.

MINNOW HOOKS

The proper size and shape for catching minnows, shiners, chubs, etc., for bait. Japanned and ringed. Packed 100 in a box. Price per box, 10 cents.

PLAIN HOOKS

We carry a line of best quality hooks adapted to the various methods and styles of fishing, but do not list same. We will fill orders at the best market prices, or will quote prices upon application.

TAPERED HOOKS

For fly and special mounting. Only the very finest quality tapered shank, imported English stock. Sproat, Pennell (turned-down eye) and Sneek patterns & ways in stock.

Sizes 16 to 1/0. Boxes of 100. Prices upon application.

BLUEFISH SQUIDS

We carry only the very best quality. Pure block tin, mounted with swivel. For casting and trolling.

No. 1.	Length, 3 ins.	Weight, 1 $\frac{3}{4}$ ozs.	Price, \$0.25
No. 2.	Length, 3 $\frac{1}{2}$ ins.	Weight, 2 ozs.	Price, .25
No. 3.	Length, 4 ins.	Weight, 2 $\frac{1}{4}$ ozs.	Price, .30
No. 3 $\frac{1}{4}$.	Length, 4 $\frac{1}{2}$ ins.	Weight, 2 $\frac{3}{4}$ ozs.	Price, .35
No. 3 $\frac{1}{2}$.	Length, 5 $\frac{1}{2}$ ins.	Weight, 4 ozs.	Price, .45
No. 4.	For trolling. Cedar wood. 6 ins. long.		Price, .25
No. 4 $\frac{1}{2}$.	Silver Plated Spinning Squid for Casting and Trolling. Length, 4 ins.	Weight, 4 $\frac{1}{2}$ ozs.	Price, .75

WEAKFISH SQUIDS

Best quality, pearl blades. Nickel-plated hooks.

No. 5.	Length of blade, 1 $\frac{1}{4}$ ins.	Price, \$0.20
No. 6.	Length of blade, 1 $\frac{1}{2}$ ins.	Price, .25
No. 7.	Length of blade, 2 ins.	Price, .30

MACKEREL AND WEAKFISH

Best quality block tin, with patent swivel.

No. 8.	Small.	Length of tin, 1 $\frac{3}{8}$ ins.	Price, \$0.05
No. 9.	Medium.	Length of tin, 1 $\frac{1}{2}$ ins.	Price, .07
No. 10.	Large.	Length of tin, 1 $\frac{7}{8}$ ins.	Price, .08

SHARK HOOKS

With chain and swivel.

Made of hand-forged steel and the best pattern.

	No. 1	No. 2	No. 3	No. 4
Width of hook.....	3	2 $\frac{3}{4}$	2 $\frac{1}{2}$	2
Price, each	\$1.85	\$1.50	\$1.25	\$1.00

FISH SPEARS

Frog Spears, 5-prong, with socket and guard; each.....	\$0.25
Fish Spears, 5-prong, with socket 5 inches spread; each.....	.50
Eel Spears, for mud; 6-chant; each.....	1.25
Eel Spears, for sand; 7-chant; each.....	1.50

PICKEREL TRAPS

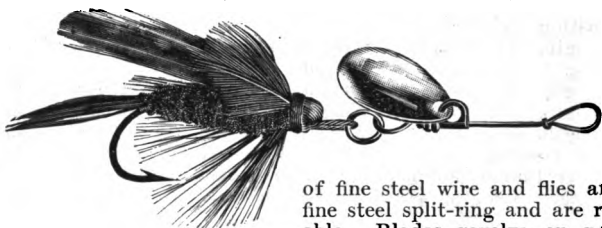
A new model trap that is a great favorite wherever used. Constructed on the "tip-up" principle. 20-inch strong maple upright, brass trigger arm and steel standard with red signal flag. Upright is notched both ends so that line can be wound up with trap quickly.

Price each, \$0.15.

Price per dozen, \$1.50.

Lines suitable for use with above, in hanks, per dozen.....\$1

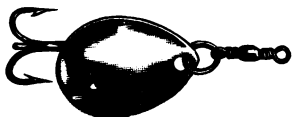
FLY SPOONS THE "BROOK" SPINNER



Very small and light, and can be used effectively with any weight rod. Shanks made

of fine steel wire and flies are attached by fine steel split-ring and are readily changeable. Blades revolve on patent lug and spin fast and easily. Finished in bright nickel. Plain Spinner, 15c.
 No. 1. Single Blade, with fly.....Price, \$0.35
 No. 2. Double Blade, tandem, with fly.....Price, .50
 No. 3. Large Single Blade, for Bass, Bucktail Fly.....Price, .35
 Looped Flies for use with above, see page 259.

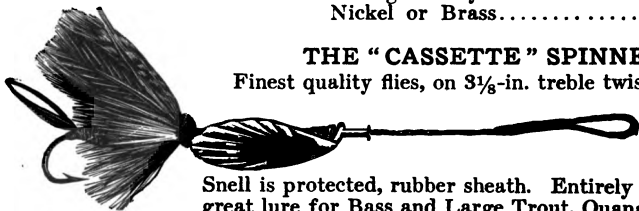
THE "ELFIN" SPINNER



The finest and best spinner made for brook fishing. Weighs but 1-16 of an ounce. Beautifully finished gold blade with finest treble hook mounted on split ring and detachable. Easily cast with the lightest fly rod.

Nickel or Brass.....Each, 25c.

THE "CASSETTE" SPINNER



Finest quality flies, on 3 1/8-in. treble twisted snells,

with silver-plated spoon.

Snell is protected, rubber sheath. Entirely new and a great lure for Bass and Large Trout, Ouananiche, etc.

No. 6. Trout, "Parmachenee Belle," "Silver Doctor," "Montreal".. 50c.
 No. 7. Bass, "Parmachenee Belle," "Silver Doctor," "Montreal".. 50c.



THE "DELAWARE" SPOON

Made in same style and same way as the "Tandem," but with single blade and has long, feathered hooks. Finished in nickel only.

No. 7.	Length of blade, 1 1/8 ins.	Price, \$0.25
No. 6.	Length of blade, 1 1/4 ins.	Price, .35
No. 5.	Length of blade, 1 3/8 ins.	Price, .35
No. 3.	Length of blade, 1 7/8 ins.	Price, .50

SKINNER'S CASTING AND TROLLING SPOONS



Used with or without bait. Blades all detachable. Hooks are the finest quality Sproat, mounted with 1-inch loops. No. 1 has size 1½ hook; No. 2, size 2/0; No. 3, size 3/0. Four styles of blades—nickel, brass, copper and white enamel. Price each, 20 cents.

1½ hook; No. 2, size 2/0; No. 3, size 3/0. Four styles of blades—nickel, brass, copper and white enamel. Price each, 20 cents.



SKINNER'S
AUXILIARY
SPOON

Same pattern as Casting Spoon, but has an additional "trailer" hook. This spoon is in great demand when trolling for large fish or when casting a frog.

No. 2X. Sproat Hooks, size 2/0 and 1. Nickel or Enamel... Each, 25c.

No. 3X. Sproat Hooks, size 3/0 and 1/0. Nickel or Enamel.. " 25c.

Either size, Gold Blades..... " 50c.

"HOPATCONG" ADJUSTABLE SPOON

Similar to Skinner's spoon, but mounted on 3½-inch snells. The spoon, which is fluted, is mounted on a soft brass sleeve and can be adjusted to any desired distance from hook. Mounted with Sproat hooks, medium and large.

No. 4. Nickel or White Enamel; each..... 25c.

No. 5. Nickel or White Enamel. Has two hooks mounted tandem and has 12-inch twisted gut trolling trace with swivel and clew spring. Spoon spins 2½ inches above hook; each..... 40c.

THE IMPROVED "SILVER SOLDIER" SPOON



Made of Sterling Silver.

Fine for salmon. Owing to its peculiar shape, shoots through the water in eccentric darts and will often "start 'em comin'" when everything else fails. Best Pannel

hooks, mounted on heavy silver plate, with silver swivel.

No.	Inches long	For	Style Hook	Price
1.	2¾	Lake Trout.	Treble.	60c.
2.	2¾	" "	Single.	60c.
4.	2¼	Salmon and Bass.	Treble.	50c.
5.	2¼	" " "	Single.	50c.
6.	1⅝	Trout.	"	40c.

THE "JERSEYITE" WEEDLESS



An entirely new style protected-point hook, finely made and finished. A necessity for fishing weedy lakes and streams and around lily-pads.

Medium and large, hook only; each..... 10c.
Medium and large, with nickel spinner and swivel; each..... 25c.

THE "WOBBLER" SPOON



This spoon does not spin, but "skitters" over the surface of the water. Made of German silver and hooks attached with patent link which allows them to swing free in all directions.

No.	Length of Blade	For	Price
1.	3 $\frac{3}{4}$ inches	Bass	\$0.75
2.	3 $\frac{3}{8}$ "	Pike and Pickerel	.85
3.	4 $\frac{1}{2}$ "	Muscallonge	1.00

THE "FLORIDA" SPOON



Used for casting, skittering and trolling, with and without bait. Very strongly made and hooks attached permanently to blades. Finished in nickel outside and white enamel inside. A splendid spoon for salt water in place of the heavy squids usually in use.

No.	Length of Blade	For	Price
1.	5 inches	Tarpon and Bluefish	\$0.75
2.	3 $\frac{1}{4}$ "	Muscallonge and Pike	.50
3.	2 "	Bass and Pickerel	.25

THE "TANDEM" SPOON



Shanks of fine steel wire, silvered, mounted with swivel and 6-inch twisted steel wire leader, silvered, and feathered treble hook. Blades spin fast and easily.

No.	Length of Blade	Finish	Price
9.	$\frac{3}{4}$ inch	Nickel or White Enamel	\$0.25
8.	1 "	" " " "	.35
7.	1 $\frac{1}{8}$ "	" " " "	.35
5.	1 $\frac{1}{2}$ "	Nickel, Enamel or Gold	.50

FLUTED CASTING AND TROLLING SPOONS

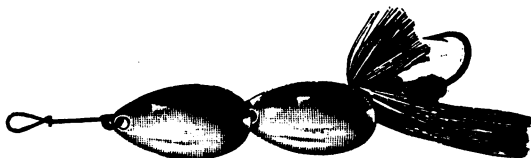
Shanks of heavy steel wire, mounted with swivel and 6-inch twisted steel wire leader, silvered. Blades heavily nickeled. Treble hooks, bright, and finely feathered.



No. 8	Length blade, 1 in..	\$.25
No. 7	" " 1 1/8 in..	.25
No. 6	" " 1 1/4 in..	.25
No. 4	" " 1 5/8 in..	.30

No. 3	Length blade, 1 7/8 in..	\$.35
No. 2	" " 2 1/2 in..	.40
No. 1/0	" " 2 3/4 in..	.50

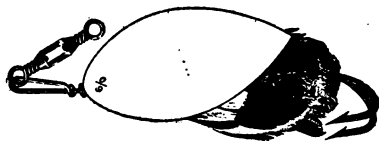
THE "BIG INJUN" SPOON



The very best for bass casting with a light rod in all waters with fly, bucktail or bait. Shanks made of very fine steel wire. Blades revolve on patent lugs and are highly finished in nickel. Can be cast very lightly and spins so easily that line may be reeled or drawn in as slowly as desired. Flies or hooks attached by steel split-ring and are changeable.

Single Blade.	Length of blade, 1 1/8 inch.	Price, \$0.25
Double Blade.	Length of blades, 1 1/8 inch.	Price, .35
Combination—One blade nickel, one copper.....		Price, .35

THE "ONTARIO" MUSCALLONGE SPOON



Made extra strong to withstand the hard usage of this fighting fish. Nos. 1 and 2 have new model *double* hook, extra strong. No. 3 has two *treble* hooks, mounted *tandem*. Heavily nickeled and with swivel.

No. 1.	One 4 1/2-in. and 3-in. Blade, Double Hook; each.....	\$1.00
No. 2.	One 4 1/2-in. Blade, Double Hook; each.....	.85
No. 3.	One 3 1/2-in. Blade, 2 Treble Hooks; each.....	.75

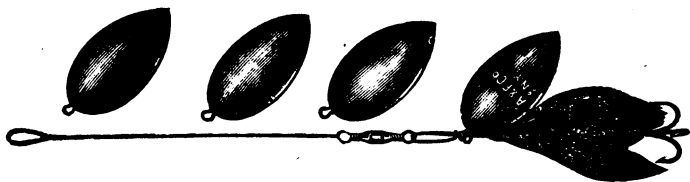
SEA CASTING SPINNER



This spoon is destined to take the place of the old-style block tin or lead squid, in use so many years, for trolling and surf-casting.

Made of extra strong metal, heavily nickeled. Spoon spins upon shank, which is made in one piece with the hook. Weight, 4 1/2 ozs. Price, 75 cents.

"BIG FOUR" COMBINATION SPOONS

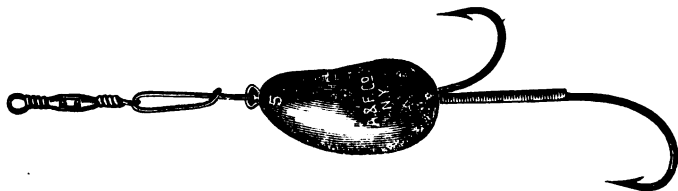


This is a splendid all-around bait. Each spoon has four blades, easily attached or detached, finished in silver, copper, brass and white enamel. The extra blades practically afford four spoons in one and allows the angler to meet all conditions. Steel shanks, silver plated. Blades of hard rolled plate. Mounted with twisted wire trace and swivel, with fine treble feathered hooks.

- | | |
|--|--------------|
| No. 1. Bass and Togue. Blades, 2 inches..... | Each, \$0.75 |
| No. 2. Pike and Pickerel. Blades, 2¾ inches..... | " .85 |
| No. 3. Muscallonge. Blades, 3½ inches..... | " 1.00 |

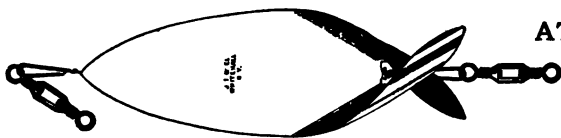
THE "ST. CLAIR" SPOON

With Trailer Hook



The best of the two-hook trolling spoons for use with bait. A fine pattern for togue, large bass, pike, muscallonge, etc., especially good for striped bass. Very strongly mounted on silvered steel shank, wound with steel wire, with 3/0 and 1/0 Sproat hooks.

Nickel or White Enamel, each, 50 cents.



ATTRACTORS

For all deep water trolling. It is generally

placed from 10 to 20 feet ahead of the bait or spoon and its purpose is to draw fish out of the weeds and from a distance. The bright flash of the attractor serves to excite the fish and make them "take notice" when the bait approaches. Made of hard rolled plate, finished one side silver and one side copper, with swivel each end. Length, 6 inches.

Price, 60 cents.

THE "ARCHER" SPINNER



The great advantage of this form of spinner lies in the fact that it is successfully used with *dead* minnows, the spinning motion of bait making it extremely life-like and natural. Run the needle through minnow, press down points of adjustable metal fins into gills and minnow is held securely.

IMPORTED ENGLISH—THE FINEST MADE

Trout, 50c.; Small Salmon, 50c.; Salmon, 60c.; Small Pike, 65c.; Pike, 75c.

AMERICAN MADE—REGULAR QUALITY

Trout, 35c.; Small Salmon, 35c.; Salmon, 40c.; Small Pike, 45c.; Pike, 50c.

PEARL SPOONS

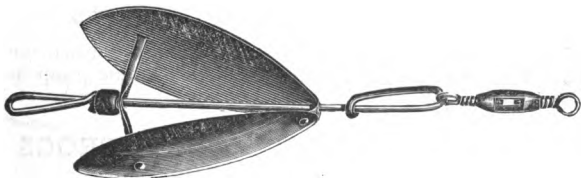


Beautiful natural pearl blades revolving on patent lugs. A very fine trolling spoon. Very successful for lake trout. Small, medium, and large.

Price each, 50 cents.

Double Blades, mounted tandem; small and medium; each, 75 cents.

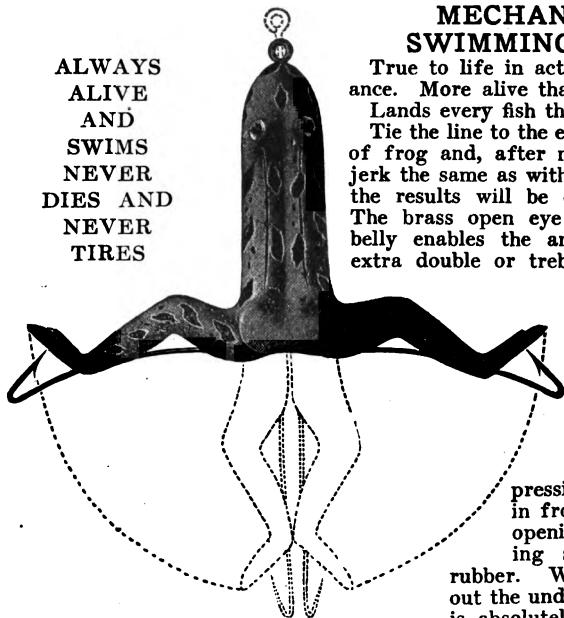
"MONTAUK" SPINNER



Nickel blades, red enamel inside. Spins on glass bead. The best spinner for striped bass. Also used as an "attractor" in trolling for togue, lake trout, etc. Length of blades, 2 inches.

Price, 25 cents.

ALWAYS
ALIVE
AND
SWIMS
NEVER
DIES AND
NEVER
TIRES



MECHANICAL SWIMMING FROG

True to life in action and appearance. More alive than a live frog.

Lands every fish that fairly strikes.

Tie the line to the eyelet at the head of frog and, after making the cast, jerk the same as with a live frog and the results will be exactly life-like. The brass open eye underneath the belly enables the angler to use an extra double or treble hook at will,

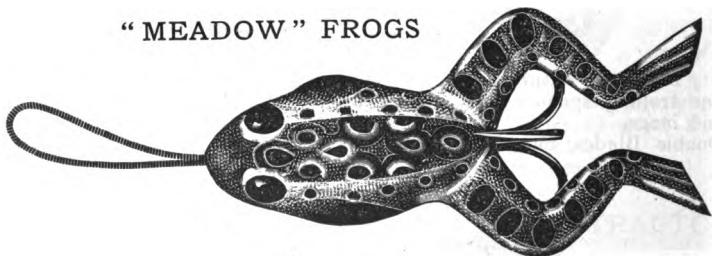
when using the bait in open water, and greatly increases its fish-catching qualities. The hook can be easily removed by de-

pressing belly of frog in front of eyelet, the opening in eyelet being shielded by the

rubber. When used without the under hook, this bait is absolutely weedless.

Price.....Each, \$1.00

"MEADOW" FROGS



Made of finest quality soft rubber, beautifully finished and painted true to nature. Mounted with bright treble hooks and gimp loop.
Length, $2\frac{1}{2}$ inches..... 35c. Length, $3\frac{1}{2}$ inches..... 40c.

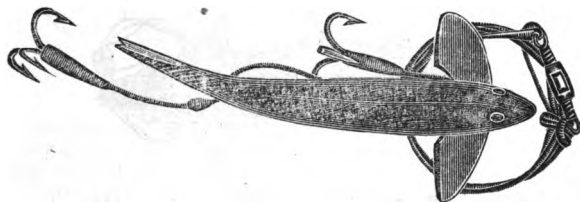
"YELLOW BELLY" GREEN FROGS

Same quality as "Meadow" Frogs.

Frog, $1\frac{3}{4}$ inches long..... 35c.

Froggie, 1 inch long..... 25c.

THE SPINNING SYLPH



Horn bodies with treble hooks. Mounted on trace with swivel. Easily cast with fly rod and a particularly fetching bait for large trout. $1\frac{1}{2}$ inch long. Straight or bent tails; each..... 60c.

THE FAMOUS QUILL DEVON MINNOW



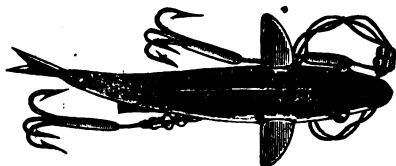
A most beautiful bait and a very deadly one for trout and salmon. Very finely mounted with best quality hooks and trace. Very light in weight and can be cast with great accuracy with the lightest fly rod. Length, 1 inch. Two Treble Hooks; each..... 60c.

CALEDONIAN MINNOW



Hard rubber with curved forms. An especially good spinning bait for large trout and bass. Mounted with two fine quality treble hooks and trace. A fine casting bait. Length, 2 inches. Natural colors; each..... 50c.

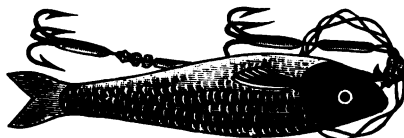
ENGLISH "ROACH" BAIT



A particularly effective bait for Black Bass, Pike, Pickerel, etc. Colored by hand true to life and beautifully mounted with three treble hooks and best quality trace. Spin fast and easily and are very durable. A fine lure for bait casting.

Length, $3\frac{1}{4}$ inches. Each..... 75c.

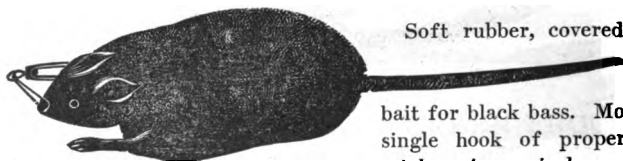
ENGLISH "DACE" BAIT



An especially taking bait for all styles of bait casting and trolling with artificial minnows. Beautifully colored by hand and finished true to life. Mounted with three fine quality treble hooks and trace.

Length, 4 inches. Each..... \$1.00

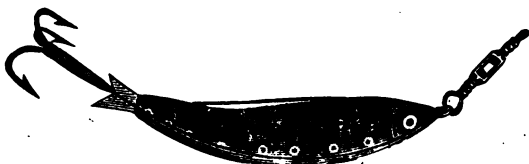
MOUSE



Soft rubber, covered with real skin. A splendid bait for black bass. Mounted with single hook of proper size and watch-spring swivel.

Body, 2 inches long.....Price, 75c.

THE RAINBOW FLEXIBLE MINNOW

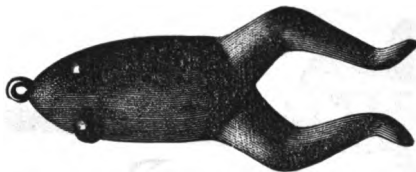


Soft, flexible bodies. Beautifully colored true to life in brown and green. Mounted with treble hooks and trace and swivel. Very finest quality and a most deadly bait for large trout in either stream or lake fishing. Very light in weight and can be easily cast by rod. Spins fast and easily.

Style A, $1\frac{1}{2}$ inches long, 1 treble hook.....Price, 30c.

Style B, $2\frac{1}{4}$ inches long, 2 treble hooks.....Price, 50c.

TOURNAMENT CASTING FROGS

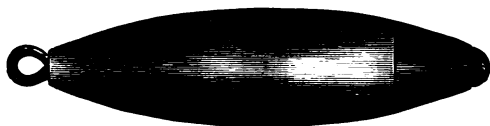


For tournament and practice casting. Regulation size and weight as adopted by standard tournament regulations. Made of soft rubber and enameled white.

No. 1. Weight, $1\frac{1}{4}$ oz.....Price, 25c.

No. 2. Weight, $\frac{1}{2}$ oz.....Price, 25c.

TOURNAMENT CASTING "PLUGS"

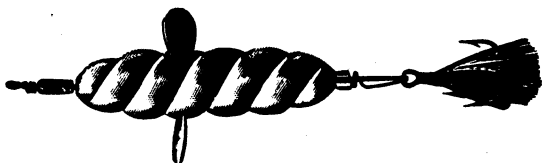


For tournament and practice casting. Regulation size and weight as adopted by standard tournament regulations. The best model made and the easiest to cast. Flight is straight and true—does not "scoot" as the rubber frogs do. Made of hard wood, *enameled white*. Ballasted with lead at one end. Weight guaranteed to the grain.

No. 1. Weight, $\frac{1}{4}$ oz.....Price, 20c.

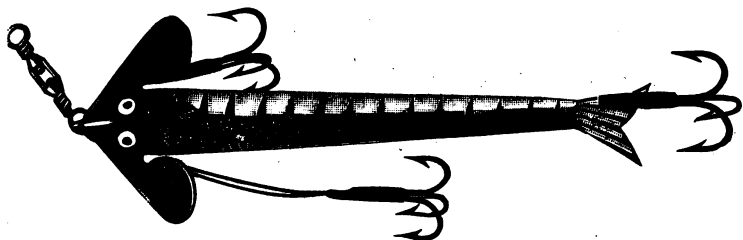
No. 2. Weight, $\frac{1}{2}$ oz.....Price, 20c.

THE "TORPEDO"



A new bait and likely to find favor as a bass lure. Made of "Silverine," and will not tarnish. Will float on the surface and spins very readily. Fitted with one feathered treble hook. Fins have holes drilled to attach other hooks if desired. Price, 50 cents.

THE CELEBRATED "PHANTOM MINNOW"



Fine silk bodies, beautifully colored. Mounted with 3 fine quality, bright treble hooks. Fine swivel in head. Furnished in blue and silver, brown spotted, silver or gold.

No.	0	1	2	3	4	5	6	7	8	9	10
Inches ...	1¾	2	2¼	2½	2⅞	3¼	3⅞	4¼	4¾	5½	6
Each	35c.	35c.	35c.	35c.	35c.	35c.	45c.	55c.	65c.	75c.	85c.

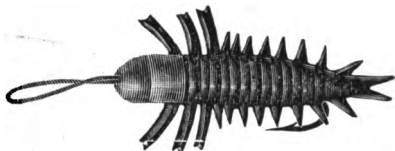
THE "PORPOISE" MINNOW

Same style as above, but made from fine porpoise hide, with metal head, fins and tail, and body has cork center. Hooks mounted on heavy six-ply twisted gut, and has 10-inch six-ply gut leader with two swivels. Made expressly for heavy fishing and practically indestructible. Furnished in blue and silver or plain silver.

No.	6	7	8	9	10
Inches ...	3⅞	4¼	4¾	5½	6
Each	\$1.00	\$1.25	\$1.40	\$1.60	\$1.75

HELGRAMITES OR DOBSONS

Fine quality soft rubber.
Black bodies with bronze heads.
Mounted on single hooks of
proper size for Black Bass,
with gimp trace and swivel.
No. 1, 1 inch; No. 2, 1¾ inch;
No. 3, 2½ inches..Each, 35c.



ENGLISH WORM TACKLE

Soft rubber, hand painted. The closest possible imitation of the natural worm. Mounted on gut with three fine quality single hooks and swivel. A fine bait for brook fishing and very durable.



No. 1. Small size, 1½ inch long.....Each, 25c.
No. 2. Medium size, 2 inches long.....Each, 25c.

WEEDLESS BUCKTAIL "BOBS"

A very effective bait for bass and pickerel casting or "skittering," especially in weedy or shallow waters. Hand made of genuine bucktail hair, which does not soak up water and become wet. Mounted on large size single hook of proper size.



Length of "bob," 3 inches.

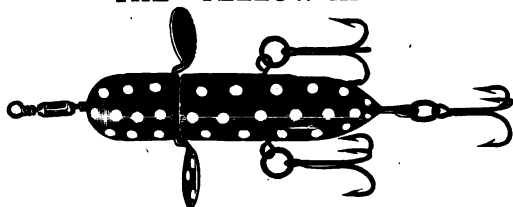
Price each, 25 cents.

TREBLE HOOKS

For Casting and Trolling.

Bucktail.	Small, 15c.	Medium, 20c.	Large, 25c.
Feathered.	Small, 5c.	Medium, 7c.	Large, 10c.
Plain, per doz.	Small, 25c.	Medium, 30c.	Large, 35c.
Detachable Hooks, plain.....	Each, 10c.		

THE "YELLOW KID"



A metal surface bait, well known and widely used. Fitted with one or three treble hooks, as desired. Finished in bright yellow with brilliant gold spots. Single hooks supplied at same price. Price, 75 cents.

THE "DOWAGIAC" MINNOW



Bait-casting for Bass in all waters. Is finely made and strong. Hooks of best quality and attached, cannot jam or lock, and are changeable. Fitted with glass eyes, painted with six coats and varnished. Finished in Fancy Back, Rainbow, Yellow, White, Silver, Bronze, and Red.

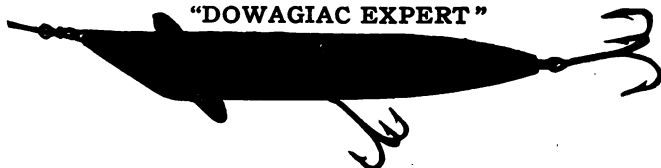
No. 10. Sinking Bait, 3 Treble Hooks, 2 Spinners.....Price, \$0.75
 No. 15. Sinking Bait, 5 Treble Hooks, 2 Spinners.....Price, 1.00
 No. 30. Surface Bait, 2 Treble Hooks, 2 Spinners.....Price, 1.00

"DOWAGIAC KILLER"

Finished in White, Silver, Red, Yellow, and Bronze.

No. 45. Sinking Bait, 3 Treble Hooks, 2 Spinners.....Price, 50c.

"DOWAGIAC EXPERT"

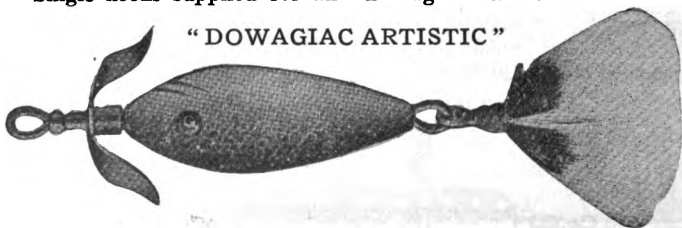


This bait does not spin, but runs and skips along the surface in eccentric jerks. A great bass taker in many waters. White body with red and blue trimmings.

Surface Bait, 2 Treble Hooks.....Price, 75c.

Single hooks supplied for all "Dowagiac" Baits if desired.

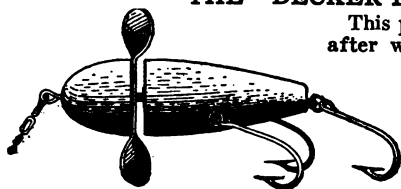
"DOWAGIAC ARTISTIC"



A new model casting "plug" that has found instant favor among bass fishermen and will prove effective wherever used. Hook is of special pattern, beautifully dressed with genuine deer's hair and feathers. Length of body, $1\frac{3}{4}$ inches. Gold plated spinners. Weight, $\frac{1}{2}$ ounce. Extra plug weighing $\frac{1}{4}$ ounce, to add weight in casting, packed with each minnow with directions for using.

No. 50. Gold and Brown "Fancy Back".....Each, 75c.
 No. 51. Blended Green and Gold.....Each, 75c.

THE "DECKER PLUG" BAIT

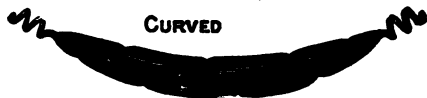


This pattern is the old original "plug" after which all baits of this style have been modeled. It is a "floaters" or surface bait and attracts the fish by the splashing of the fins and moving head-piece when drawn over the water. It is a deadly bait for bass.

Made of wood, enameled in white or yellow, with aluminum fins and swivel in head. Mounted with three single or treble hooks.

No. 1. White or Yellow. Length, $2\frac{3}{4}$ inches.....Each, 50c.

No. 2. White or Yellow. Length, $3\frac{3}{4}$ inches.....Each, 60c.



CURVED

STRAIGHT WITH LINE ATTACHED



THE "ARCHER" TROLLING SINKER

Attached or detached instantly at any place on the line without cutting or knots. By curving the sinker as shown in cut it effectually prevents any kinking of the line.

No.	1	2	3	4	5	6	7	8	9	10
Ounces	1-16	$\frac{1}{8}$	3-16	$\frac{1}{4}$	$\frac{3}{8}$	7-16	$\frac{1}{2}$	$\frac{5}{8}$	$1\frac{1}{2}$	$2\frac{3}{4}$
Per dozen...	50c.	55c.	60c.	65c.	70c.	75c.	80c.	90c.	\$1.00	\$1.50

THE "COIN" SINKER AND TROLLING KEEL

A new and valuable "wrinkle" for trolling. Consists of a circular piece of sheet lead, with slot in center. The line is placed in the slot and the sinker clamped over it with the fingers. Will positively prevent kinking and twisting of the line.

No. 1.	Small.	Diameter, $\frac{5}{8}$ inch.....	Per dozen, 6c.
No. 2.	Medium.	" $\frac{7}{8}$ "	" " 12c.
No. 3.	Large.	" $1\frac{1}{8}$ "	" " 18c.

SWIVELED "MONITOR" SINKERS



The best for trolling. Will follow the bottom easily and seldom catch or foul as their shape permits them to "follow through."

Length, inches	$1\frac{3}{4}$	$2\frac{1}{4}$	3	$3\frac{1}{2}$
Weight, ounces	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price per dozen.....	\$0.60	\$0.85	\$1.15	\$1.25

SINKERS



DIPSEY



RANGELEY



PATENT SWIVEL



LEAD COIL

SWIVELED DIPSEY

No.	8	7	6	5	4	3	2	1	1/0
Ounces	1-6	1-4	3-8	1-2	1	1 1-2	2 1-4	3 1-4	4 1-2
Dozen	50c.	50c.	55c.	55c.	60c.	65c.	75c.	85c.	\$1.10

PATENT SWIVEL

No.	10	9	8	7	6	5	4	3	2
Ounces	1-6	1-5	1-4	5-16	2-5	1-2	3-4	1	2
Dozen	60c.	60c.	65c.	70c.	75c.	80c.	85c.	90c.	95c.

RANGELEY

Nos.	0	1	2	3	4	5	6	7	8	9	10
Per doz..	10c.	12c.	12c.	15c.	18c.	18c.	20c.	20c.	20c.	25c.	30c.

PYRAMID

Pyramid shape with ring in base. Best for surf-casting. Does not roll on bottom.

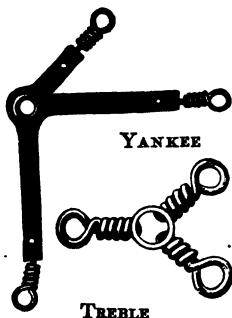
No.	1	2	3	4
Ounces	2	3	4	5
Dozen	35c.	50c.	65c.	75c.

LEAD COIL OR WORM

Any weight can be attached or detached in a moment. No kinks or knots necessary. Six in a box. The handiest for general fishing.
 Light, 15c. Medium, 17c. Heavy, 20c.

SPLIT SHOT

Small, in round, flat tin boxes.....Per box, 5 cents.
 Large, in wood tubes.....Per tube, 5 cents.

**SWIVELS****WATCH SPRING****BRONZE BARREL****Box****SWIVEL GANG****BRONZE BARREL**

Sizes.....	12	7 to 11	2 to 6	1	1/0	2/0	3/0
Price per dozen....	35c.	30c.	35c.	40c.	50c.	55c.	60c.

BRASS BOX

Sizes	2 to 10	1	1/0	2/0	3/0
Price per dozen.....	20c.	25c.	35c.	45c.	50c.

WATCH SPRING

Fine steel, small, medium or large; per dozen..... 50c.

"YANKEE" TROLLING

A "new wrinkle" for deep trolling where heavy sinker is used. Fish *always* strikes against *taut* line.....Price each, 15 cents.

"CROSS-LINE"

For use in sea and river fishing where there is much tide or current. Bait swings free in all directions.....Price each, 10 cents.

"TREBLE" CASTING

Used largely in surf-casting, also trolling. Per dozen, 75 cents.

SWIVEL GANGS

For use in trolling with spinning baits to prevent line from kinking. Six best bronze barrel swivels connected. Has bronze clew spring one end for attaching hooks or spoons.

Small, medium or large.....Each, 25 cents.

STEEL SPLIT RINGS

For use with above or attaching hooks to casting baits. Small, medium and large.....Per dozen, 5 cents.

GERMAN SILVER CONNECTING LINKS

For attaching lines to leaders, gangs, traces, per doz.: 20c., 25c., 30c.

THE "BRAY" FLY BOOK

Highest class of work and beautifully finished.



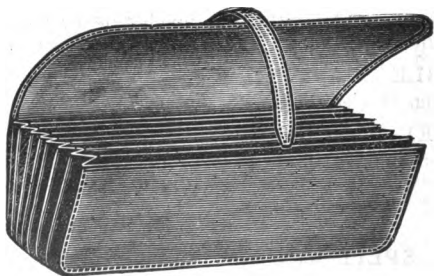
Positively the very best book made.

No. 1. Buffin covers. Holds 2 doz. flies. Vest pocket size..... \$1.00
 No. 2. Buffin covers. Holds 4 doz. flies..... 1.50

No.	Style Cover.	Holds 6 doz.	Holds 8 doz.	Holds 12 doz.
3.	Buffin.	\$3.00	\$3.50	\$4.00
6.	Morocco.	4.00	4.50	5.00
9.	Sealskin.	5.00	5.50	6.00
12.	Pigskin.	5.50	6.00	6.50
15.	Alligator.	7.00	7.50	8.00

THE "EXCELSIOR" FLY BOOK

Similar to the "Bray," but leaves are sewed in place of metal clasps. Genuine Sealskin cover. Holds 8 doz. flies.....Price, \$2.50

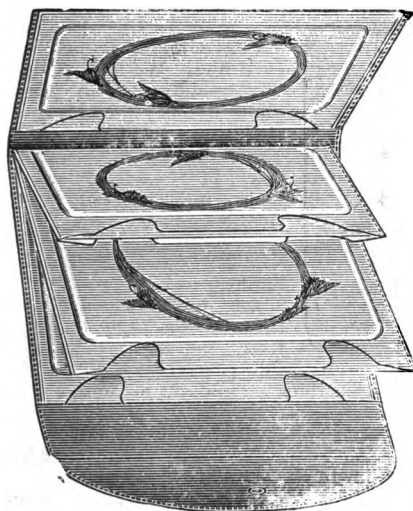


TACKLE BOOKS

No. 18. Fine quality, orange leather. Well lined and with bound edges. Beautifully made. 10½ ins. long. Has 7 pockets. Secured with strap and loop.

Price, \$3.00

No. 19. Good quality leather. Lined and bound edges. 10½ ins. long. Has 7 pockets.....Price, \$1.50
 No. 20. Canvas, bound with leather. 12 ins. long.....Price, .60
 No. 21. Canvas, bound with leather. 9½ ins. long.....Price, .40



HOOK BOOKS NO. 1

A great convenience for the angler carrying hooks, as an assortment of different styles and sizes can readily be carried in the pocket and all are instantly accessible. Buffin, size $10\frac{1}{2} \times 2\frac{1}{2}$ ins. Holds 2 doz. hooks Price, \$1.50

ENGLISH CAST CASES

Fine leather case with 6 transparent celluloid pockets. A great convenience for anglers who prefer to make up a set of casts before starting on a trip. With this book casts are all visible and instantly accessible.

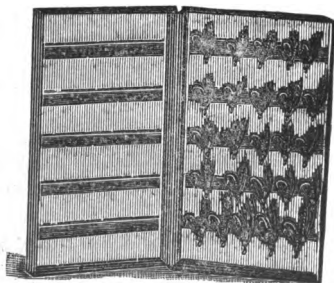
No. 1. Size, $4\frac{1}{4} \times 5\frac{1}{2}$ ins.. \$1.00

No. 2. Genuine Pigskin; embossed pockets \$1.50

"SECURITY" SALMON FLY CASE



$8\frac{1}{2} \times 8 \times 5$ inches.



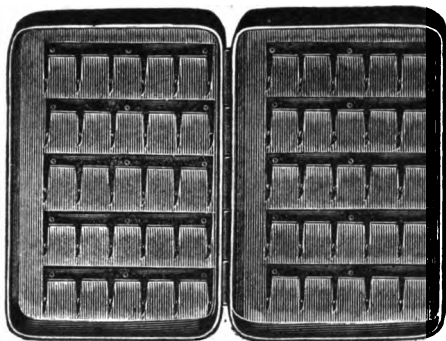
$7\frac{5}{8} \times 4\frac{1}{4} \times 1\frac{1}{2}$ inches

This case is of best russet leather, sewed by hand. Nickel lock buckle and strap, with handle. Inside boxes are moth proof, thus the saving of flies from this cause will pay for case. Fitted inside with strips of cork, on which the fly is held, preventing injury to feathers and rusty hooks. All sizes of flies can be carried with safety. We are the only dealers who have them. Case contains five boxes.

With Nickel Plated Boxes, Lined with White Enamel..... \$15.00

With Polished Copper Boxes, Lined with White Enamel..... 25.00

MALLOCH'S PATENT FLY BOXES



No. 2

- No. 0. $4\frac{3}{4}$ ins. long, $3\frac{1}{4}$ ins. wide, $\frac{1}{2}$ in. thick. Holds 24 medium flies \$2.50
- No. 1. 4 ins. long, $2\frac{3}{4}$ ins. wide, $\frac{1}{2}$ in. thick. Holds 5 doz. small flies 2.50
- No. 2. 6 ins. long, $3\frac{1}{2}$ ins. wide, $\frac{1}{2}$ in. thick. Holds 7 doz. small flies 3.50
- No. 3. 6 ins. long, $3\frac{1}{2}$ ins. wide, $\frac{7}{8}$ in. thick. Holds 40 medium sized flies 3.50



No. 5

For salmon, looped or eyed flies. We import this line of boxes from England to meet the demand for a fine box of this style. Made of heavy metal, beautifully enameled—black outside, white inside.

Close-fitting lids, solid hinges and absolutely moth proof. Fitted with silver clips which hold the flies securely. Positively the finest boxes of this pattern.

No. 4. 6 ins. long, $3\frac{1}{2}$ ins. wide, $1\frac{1}{4}$ in. thick. Has hinged inside leaf. Holds 64 large flies..... \$4.00

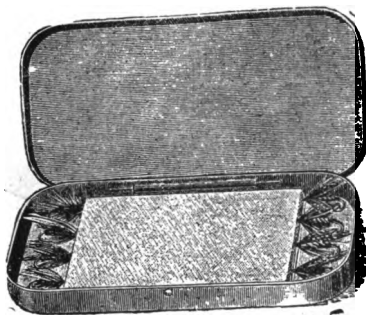
No. 5. 8 ins. long, 5 ins. wide, $1\frac{1}{4}$ in. thick. Has hinged inside leaf and compartment for leaders. Holds 90 large flies \$5.00

No. 6. 8 ins. long, 5 ins. wide, $1\frac{1}{4}$ in. thick. Has 2 hinged inside leaves. Holds 150 large and medium flies, \$7.00

Special stock boxes, to hold from 1,000 to 5,000 flies to order.

Fine leather cases, buckskin lined, for any size box to order.

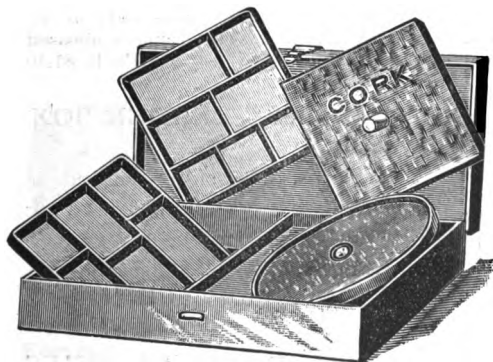
THE "DRY FLY" BOX



One of the neatest and most useful little articles ever invented. Made of aluminum, black enameled, $6\frac{1}{2}$ inches long, $3\frac{1}{4}$ inches wide, $\frac{1}{2}$ inch deep, and weighs but 2 ounces. Fitted with slotted strip at each end and with felt pads. With it you can keep your flies *dry* and your snells *wet*, so that when a fly is changed the loop of the snell can be drawn down tightly on the leader *at once*; any fly may be easily removed from box without disturbing the others.

Price, 75 cents net.

"CANOE BOX" FOR SALMON FISHERS



We have here a little gem of convenience for salmon anglers, for the canoe or a day's fishing. Strongly made of hardened brass, partitions are soldered. Made by hand, Triple nickel plate inside and out, will never wear out, bend or break; consists of outside box, fly dryer, leader box, compartment for dry leaders, 2 trays suitably divided for various sizes of flies. Price, \$7.50.



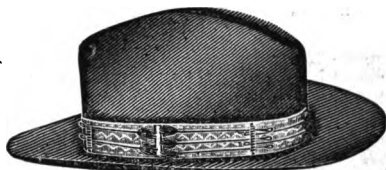
MOTH-PROOF FLY BOXES

Same box as used in our "Security" Cases. An absolutely safe box to keep one's stock of flies secure against attack by moth or dampness. Solid copper, nickel plate or black enamel outside, white enamel inside. Furnished plain for snelled flies and with cork strips for salmon and looped flies.

Size, $7\frac{5}{8} \times 4\frac{1}{4} \times 1\frac{1}{2}$ inches.

Black Enamel or Nickel. No corks.....	Each, \$1.50
Black Enamel or Nickel. With corks.....	Each, 2.50
Solid Copper. With corks.....	Each, 4.50

FLY CLIP HAT BANDS



Every trout fisherman knows how hard it is to change flies in a hurry when they are "jumping crazy" and not lose a lot of flies by hastily sticking them in hat bands, pockets, basket—anywhere—no time for the fly book then. This neat little device will appeal at once to all practical fishermen by reason of its very simplicity. Pick out a selection of flies for the day's use which are then placed on the band by simply passing the point of the hook through the perforated bar and slipping the snell into the spring. The flies *cannot* be blown away or torn out by bushes, as they are firmly held by the hook, but can be taken out and put back instantly when desired. Handsome embossed leather bands, with nickeled clips and springs.

Each, \$1.50

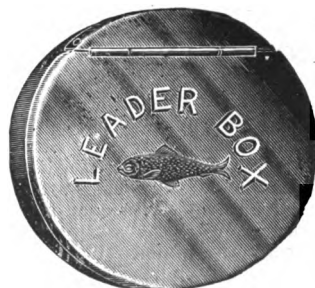


THE "BOSS" LEADER BOX

Solid brass, handsomely finished in bronze, with felt pads for keeping leaders moist.

Size, $4\frac{1}{2}$ inches long, $3\frac{1}{4}$ inches wide.

Price, 50 cents.



ALUMINUM LEADER BOXES

No. 1.

Round leader box, made of fine aluminum, $3\frac{3}{4}$ ins. diameter. Price, 25c.

No. 2.

Special Box, $4\frac{1}{2}$ ins. diameter, 1 in. deep. This box is a big improvement. Of proper size for coiled leaders without the bother of recoiling them. Price, 50c.

IMPROVED TIN TACKLE BOXES

Our line of boxes is positively the best on the market, and yet the prices are no higher than the inferior grades. Made from *IXX* tin plate, with *machine clamped* corners and bottoms, finished with *two coats* of high grade enamel. Heavier, more durable, better made and more highly finished than any other boxes.



No. 1. Size, $8\frac{1}{4} \times 3 \times 4\frac{1}{8}$ inches. Has one long compartment for hooks and three small spaces for reels, etc.....Price, 50c.

No. 2. Size, $10\frac{1}{2} \times 4 \times 5\frac{1}{8}$ inches. Has one long compartment for hooks, one large reel compartment and space for lines, floats, baits, etc. Has one tray divided in five spaces.....Price, 75c.



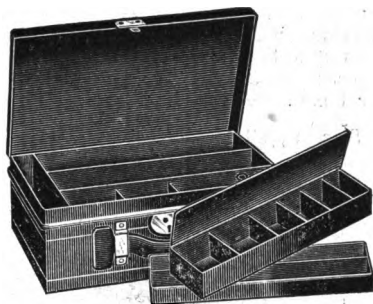
No. 3. Size, $12\frac{1}{4} \times 5\frac{1}{2} \times 6\frac{1}{8}$ inches. Has compartment for two or three reels and large compartment for fly books, leader box, etc. Has two trays—one has one large and two small spaces for snelled hooks, baits, etc., and the other has six spaces for sinkers, loose hooks, etc.

Price, \$1.25.

No. 4. Size, $10\frac{3}{4} \times 4\frac{3}{4} \times 5\frac{1}{2}$ ins. Fine hand-made box. Reinforced rims and corners. Has compartment for one large or two medium size reels; two large compartments for baits, floats, etc., and has tray with one open and one closed compartment. Lid is of proper size for fly books, snelled hooks, etc. Has movable partition lengthwise and has hinged inside cover. Has fine snap lock and key. A handy sized, compact box that will appeal to all practical anglers and which we highly recommend.. Price, \$3.00



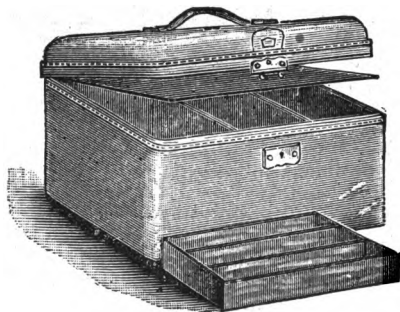
IMPROVED TIN TACKLE BOXES—Continued



NO. 5

strongest and most substantial box made and which will last for years and stand all manner of abuse. Size, $12\frac{1}{2} \times 4\frac{1}{2} \times 8$ inches. Price, \$5.00.

No. 5. Made throughout of XXXX tin plate and highly finished in jet enamel. Has 1 large and 2 small reel spaces and 3 large compartments for fly books, lines, floats, etc. Has 1 tray with 2 long spaces for snelled hooks, baits, etc., and 1 tray with cover having 6 compartments for loose hooks, sinkers, swivels, small baits, etc. Fitted with fine Yale snap lock and key, and has heavy leather strap handle. The



"IMPERIAL" TACKLE BOXES

Hard wood frames, covered with best quality russet leather, seamless and is sewed by hand.

Finely finished trays and divisions. Solid leather hinges. Fitted with patent snap lock and key. German silver name plate. All have hinged compartment in lid for fly and hook books, etc. All partitions removable.

We absolutely guarantee these to be the finest and best boxes made on the market, and challenge any comparison.

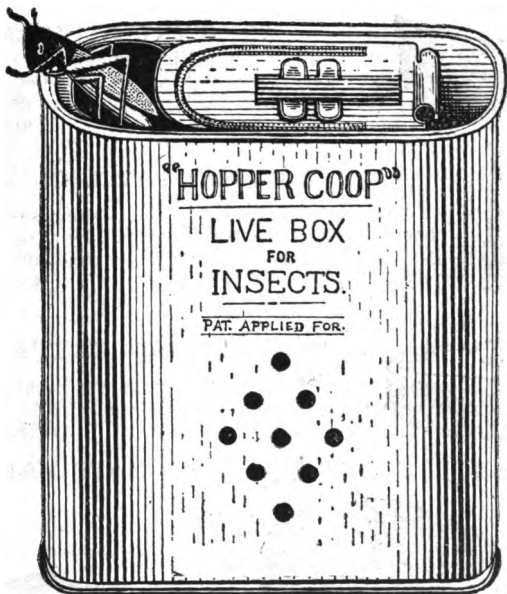
- No. 1. 13 ins. long, 6 ins. wide, 7 ins. deep. Has 2 trays and 3 spaces for reels, etc. Price, \$7.50
- No. 2. 10 ins. long, $8\frac{1}{2}$ ins. wide, 6 ins. deep. Has 1 tray, spaces for 2 reels and 3 tackle divisions. Price, 6.50
- No. 0. 14 ins. long, 9 ins. wide, $6\frac{1}{2}$ ins. deep. Has 1 tray, spaces for 2 reels and 4 tackle divisions. Price, 8.50
- No. 3. 16 ins. long, 9 ins. wide, 9 ins. deep. Has 3 trays and 2 tackle divisions. Spaces for 2 large reels and 3 medium and small reels. Compartments in lid for fly books, tackle books, etc. A fine box for a general "kit". Price, 12.00

"DE LUXE" TACKLE BOXES

Made the same as "Imperial," but lined with fine Suede leather. The leather lining makes a fine appearance and is far more durable.

- No. 1, \$10.00 No. 2, \$8.50 No. 0, \$11.00 No. 3, \$15.00

"HOPPER-COOP" LIVE BOX FOR INSECTS



After long and repeated experimenting we have at last hit upon a thoroughly practical, reliable and easily operated box for carrying live insects. It is certainly a long looked for addition to the angler's kit and far superior to anything of the kind ever made before, and we do not see how it could be improved upon.

The size is just right for the pocket, and, as all corners are rounded, there are no sharp points to ruin other tackle when packed or to jab into the body when carried. Made of heavy tin plate in the best possible manner and all seams and joints are machine clamped. Neatly finished in enamel. Has patent sliding top for releasing the bait, which is easily operated by *one hand*, leaving the other hand free. This bully little box will instantly appeal to, and be appreciated by, the angler using such baits as crickets, grasshoppers, beetles, June bugs, grubs, helgramites, crawfish, lampreys, small frogs, etc. Thoroughly practical in every respect, and will repay the user many times over in a day's fishing.

Size, $3\frac{1}{4}$ ins. high, $3\frac{1}{4}$ ins. wide, $1\frac{1}{8}$ in. thick.....Each, 25 cents.

BAIT BOXES



CRESCENT PATTERN

The most popular shape and more widely used than any other. Shaped to fit the body and has two loops to carry on the belt.

Each, 20 cents.



BASKET PATTERN

This style is made with a strong safety pin on back to attach to the clothing. Preferred by many for this reason, as it can be carried anywhere.

Each, 15 cents.

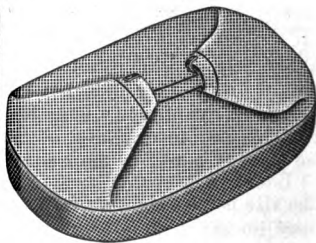


OVAL OR POCKET PATTERN

Handy to carry in the pocket or basket, which, while not so convenient, is the safest way.

Each, 15 cents.

"EXCELSIOR" FOLDING BAIT PAIL



Made from heavy brass and special canvas. Metal tops arranged to prevent slopping and provides a means of keeping water aerated en route. Door secured by locking latch, operated by one finger—a great convenience when wading.

Handle is shaped to facilitate emptying and filling and folds inside the top—always out of the way—and has clips for attaching cord to suspend in water or over the shoulder. All parts riveted—not soldered. Canvas will not leak or crack. The canvas cover facilitates rapid evaporation and keeps the water cool, consequently minnows live longer. Has capacity for 35 to 50 minnows—casting size. Size, set up, 10½ ins. long, 6½ ins. wide, 6 ins. deep. Size, folded, 10½ x 6½ x 1½. Price, \$2.50

Same style, galvanized steel instead of brass, \$1.50.

"DUPLEX" FOLDING BAIT PAIL



Open



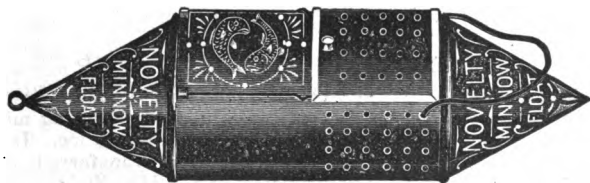
Folded

A splendid pail in all respects and will be found perfectly satisfactory for all purposes except when necessary to use as a "float." It can be opened or folded in an instant

and the metal rim at bottom raises the pail from the floor and the side arms hold it rigid and upright. The top has raised edge for ice-cooling and perfect aeration is secured by numerous metal eyelets. Water is easily and quickly changed without any injury to minnows. In pails of this kind heat is reduced greatly and the water is much cooler and fresher than a metal pail, consequently the minnows live longer and are more lively. They are especially valuable by reason of their handiness and portability and their general utility recommends them to all. Made of heavy brown canvas, with pantasote bottoms, and are absolutely waterproof. Rims and braces of strong spring steel, heavily japanned. Fitted with strong handles.

No.	Style	Quarts	Diameter	Depth	Size Folded	Price
1.	Round.	6	10	7½	13x5½x2½	\$1.50
2.	Oval.	10	12	9½	15x5½x2½	2.00

LIVE MINNOW FLOAT



A new model, endorsed by all practical anglers, and will commend itself on sight. It is far ahead of any other known device for keeping minnows alive and fresh and is much less trouble and easier handled than the regulation bait pail. As it is towed behind the boat the water is *always fresh* and no changing is necessary. It leads easily through the water as the cylindrical body with conical ends offers but little resistance and is not caught by the weeds. As it is only perforated for half its length it can be lifted by the handle and carried the same as the regular pail. Made of heavy galvanized iron and finished in best baked enamel. Has self-locking *sliding* cover, which is easily operated by *one* hand. Strongly made throughout and will last for years.

Length, 24 ins. Diameter, 7½ ins. Capacity, 10 qts. Price, \$2.00

MINNOW BUCKETS



"CLIMAX" ROUND FLOATER

Floating galvanized inset. Pail heavy tin plate with reinforced rim. Sunk top for holding ice. Inset has solid bottom and rim to protect minnows when removed from pail, and has wire bail and self-locking perforated cover. No cover on outside pail. Finished in green enamel.

10-quart size..... \$1.25 12-quart size..... \$1.50

"PERFECTION" ROUND FLOATER

Pail and inset both galvanized—perfectly rust and weather proof. Inset is galvanized wire. All galvanizing is done after being made up, filling all seams and joints. Has sunk top for holding ice. Inset has solid bottom and rim to hold water while being transferred, and has wire bail and self-locking perforated cover. Heavily enameled in maroon and gold. The best pail made.

Capacity, 10 quarts..... Price, \$1.50

"PARAGON" OVAL FLOATER

Made of heavy tin plate with galvanized wire inset. Has sunk top for holding ice. Inset has solid bottom and rim to hold water while being transferred and has cone shaped air chamber, which prevents bruising of minnows. Inset cover of wire cloth is self-locking. Heavily enameled in green and gold.

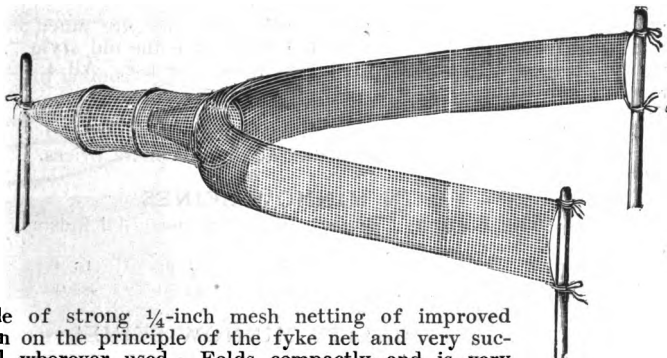
No. 1. $10\frac{1}{4} \times 7\frac{1}{4} \times 7\frac{1}{2}$ inches..... Price, \$1.25
 No. 2. $12\frac{3}{8} \times 9 \times 9\frac{1}{2}$ " Price, 1.75



MINNOW TRAP

Made of steel wire netting, heavily galvanized. Diameter, 10 inches. Length, 16 inches. Breaks in the center and one piece packs inside the other for transportation. Price, \$1.00.

FOLDING MINNOW TRAP



Made of strong $\frac{1}{4}$ -inch mesh netting of improved pattern on the principle of the fyke net and very successful wherever used. Folds compactly and is very light.

Length, 3 ft. Diameter, 1 ft.....Price, \$1.25

For use in brooks and shallow waters we fit them with two 9-ft. wings, which act as guides and lead the minnows into the trap.

Price, with wings..... \$2.50

SHRIMP NETS

Three-eighth-inch mesh. Twine 20/6 cord. Rigged ready for use.

Length	3 ft.	4 ft.	5 ft.
Price, each.....	\$4.00	\$6.00	\$8.00

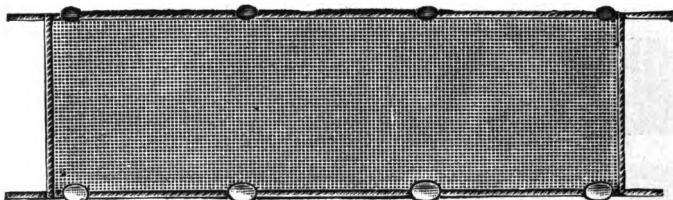
MULLET NETS

One-inch mesh. Twine 20/9 cord. Rigged ready for use.

Length	4 ft.	5 ft.	6 ft.
Price, each.....	\$3.00	\$4.00	\$5.50

FISH BAGS.

For carrying fish, game, etc. Made with square bottoms and of great capacity. Useful for "market" and "shopping" bags. Has heavy braided cord handles. 18 ins. deep, 50c.; 24 ins. deep, 75c.

"GLOUCESTER" MINNOW SEINES

Made of strong woven netting and far superior to the kind generally sold. The mesh is larger— $\frac{1}{4}$ -inch—and they are much easier to use, as they do not pull hard in the water like the old style "skeeter nets." Rigged with floats and sinkers ready for use. All 4 feet deep, finished mud color.

Length	8 ft.	12 ft.	15 ft.	20 ft.
Price, each.....	\$1.50	\$2.50	\$3.00	\$4.00

Made any length, to order, at proportionate prices.

PLAIN MINNOW SEINES

Rigged with floats and sinkers, ready for use. All finished in mud color. 4 ft. deep, $\frac{1}{8}$ -inch mesh.

	8 ft.	12 ft.	15 ft.	20 ft.
Price, each.....	\$1.00	\$1.50	\$2.00	\$2.50

EXTRA QUALITY MINNOW SEINES

Fine hand-made netting, thoroughly waterproofed, 20 feet long, 4 feet deep, $\frac{1}{4}$ -inch mesh. Rigged with cork floats and leads, ready for use.

Price, \$7.50

All styles and sizes of nets and seines made to order. Prices upon application.

"UMBRELLA" MINNOW DIP NETS

For catching minnows, shiners, etc., for bait. Has four steel arms 30 inches long, making a net, when open, 48 inches square, and a package 31 inches long when closed. Opens and closes like an umbrella, and net is always attached.

Price, \$2.00

REGULAR MINNOW DIP NETS

The best quality and make. Mesh is $\frac{3}{4}$ -inch at top, tapering to $\frac{3}{8}$ -inch at bottom.

Inches deep.....	18	24	30	36	48	60
Cotton	\$0.50	\$0.75	\$1.00	\$1.25	\$1.75	\$3.00
Linen .....	.65	1.00	1.25	1.75	2.75	4.50

**MINNOW PAIL DIP NETS**

For removing minnows safely from bait pails, seines and traps. Nickel-plated frame with 6-inch net, price, 25 cents.

FRENCH WILLOW BASKETS



In comparing these baskets with others please note that they are the very finest imported quality. In addition to this we equip all our baskets with heavy hand-sewed leather hinges and with straps and buckle fastening, making them durable and secure. All have the opening on the forward side of cover, which is more convenient than the old style with hole in center.

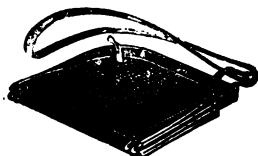
Prices quoted do not include straps.

Number	0	1	2	3	4	5	6
Capacity in pounds.....	6	9	12	20	25	30	35
Price	\$1.00	\$1.25	\$1.50	\$1.75	\$2.00	\$2.50	\$3.00



"DUPLEX" FOLDING CANVAS CREEL

WATERPROOF



Open

Made of heavy brown water-proof canvas with japanned steel frame and braces. Its portability is a great feature. Can be washed with hot water, keeping it sweet and clean. Rigid when set up and ventilation is secured by eyelets in sides and bottom.

No.	Length	Width	Depth	Size Folded	Price
1.	10½	5	7½	7x6½x2½	\$1.75
3.	11½	6	9½	7½x7½x3	2.25

Folded



"HANDY" FOLDING CREEL

Made of good canvas, tan color, and is strong and durable. A convenient creel for either fish or small game. Can be folded flat and carried in the valise or pocket.

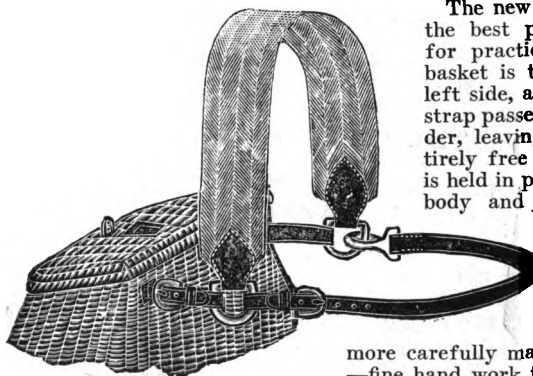
Made in three sizes of 12, 20, or 25 lbs. capacity.

Price, including shoulder straps, \$1.00.

WATERPROOF POCKETS FOR BASKETS

For use with the willow basket and a very handy device for carrying lunch, fly books, etc., in the basket. Made of pantasote, perfectly waterproof and can be washed as often as necessary. Fits inside the basket and is held in place by passing the carrying strap through the slits in the pocket. In ordering give the length and height of basket at the back. Small, \$0.75. Medium, \$1.00. Large, \$1.50.

BASKET SLINGS AND STRAPS



The new style sling is by far the best pattern ever devised for practical angling. If the basket is to be carried on the left side, as usual, the carrying strap passes over the left shoulder, leaving the right arm entirely free for casting. Basket is held in place by strap around body and can be carried on either side as preferred. We particularly recommend our Nos. 4 and 5. They are better quality and

more carefully made than any others
—fine hand work throughout.

- | | | |
|--------|---|--------|
| No. 1. | Plain leather. For creels and bait boxes..... | \$0.20 |
| No. 2. | Leather and webbing..... | .25 |
| No. 3. | New style. Leaves the casting arm free..... | .35 |
| No. 4. | New style. Made of finest quality webbing and leather.. | 1.50 |
| No. 5. | New style. Made of soft, waterproof leather..... | 2.00 |



WILLOW LUNCH OR PICNIC BASKETS

Fine quality willow, strongly made. Has two covers and small separate compartment.

- | | | |
|--------|------------------|--------|
| No. 1. | 16x10x9..Price, | \$2.00 |
| No. 2. | 18x11x9..Price, | \$2.50 |
| No. 3. | 20x12x11..Price, | \$3.00 |

"DUPLEX" FOLDING BASKET



Open



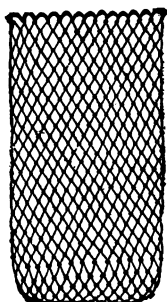
Folded

This handy and convenient basket affords a splendid means of transporting fish, game, etc., and also for small animals. The material is perfectly water-

proof and may be washed as often as desired without injury. Thoroughly ventilated by numerous eyelets in sides and bottom.

Simple to operate, easy to carry and take up very little space when folded. They are safe, strong, durable and hygienic.

No.	Length	Width	Depth	Size Folded	Price
1.	14	8	5½	9x7x2	\$2.00
2.	16	9½	7½	10x8x2½	2.25
3.	18	11	9½	12x9x2½	2.75



SQUARE BOTTOM LANDING NETS

This is the ideal shape for a landing net and is far better than the old style net with the tapering bottom. When netted, the fish lie *flat* in the bottom, lessening the chance of escape, and they are more easily removed. They are also much easier to handle as they open out full and roomy when scooping, and do not pull in the water as the taper nets do.

Our nets are the very best quality and are exceptionally strong and durable.

"PERFECTION" ENAMELED NETS

These beautiful nets will appeal instantly to all anglers who are particular about their outfit. Made of heavy silk, enameled in black, with square bottoms. They are very strong, do not become water-soaked and are easily kept sweet and clean. They are superior to anything of the kind ever offered before, and we particularly recommend them.

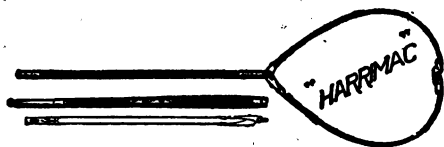
Depth in inches.....	18	24	30
Price	\$2.00	\$2.50	\$3.00

"S. B." NETS

All made with square bottom and of superior quality material and workmanship. All have *double* top loops to fit over net frame, insuring greater strength and durability.

Style	Depth in inches....	18	24	30	36
Braided Linen, Waterproof.....		\$1.00	\$1.25	\$1.50	\$1.75
Plain Linen, Colored.....		.50	.75	.85	1.00
Plain Cotton, Colored.....		.25	.50		

THE "HARRIMAC" COLLAPSING LANDING NET RINGS WTH STAFF



This is the very best net ring on the market and has been the standard for years. They are very light, yet strong and durable. The ring is folded or expanded

easily and quickly, and it is never necessary to remove the net. The handles, which are made in two pieces, are jointed by a strong ferrule the same as a rod, and are 4 feet long when jointed. Size of ring when open, 15x13 $\frac{3}{4}$ inches.

- | | |
|---|--------|
| No. 1. Steel frame, nickel plated, wood handle..... | \$2.00 |
| No. 2. Steel frame, nickel plated, bamboo handle..... | 2.25 |
| No. 3. Bronze frame (rust-proof), bamboo handle..... | 2.25 |
| No. 5. Steel, extra strong, bamboo handle..... | 2.75 |

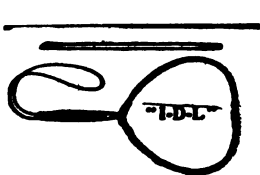
Prices quoted do not include nets.

SALMON MODEL

Made especially for salmon fishing, when the fish run of medium size, and when it is more desirable to net the fish instead of gaffing. Has 6-foot, 2-jointed handle. Size of ring when open, 19x16 inches.

- | | |
|--|--------|
| No. 4. Steel frame, japanned, bamboo handle..... | \$3.00 |
|--|--------|

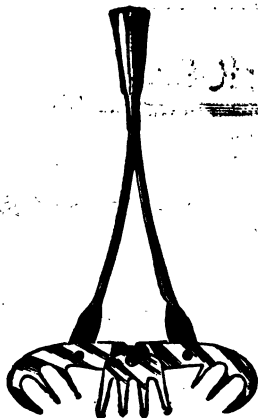
WADING MODEL



For wading streams and all purposes where a "handy" net is required. The "I. D. L." has a 6-inch scored wood handle and elastic cord for carrying the net over the shoulder—it allows the net to be stretched out at arm's length and, when released, holds it snugly below the arm. Size of ring when opened, 9 $\frac{3}{8}$ x

11 inches. "Our Own" model is a general favorite where a medium size is required, and when the elastic cord is not favored. It has a 12-inch bamboo handle with hook for carrying on the belt or basket sling. Size of ring when opened, 11 $\frac{3}{4}$ x13 inches.

- | | |
|--|--------|
| "I. D. L." Trout size. Japanned frame..... | \$1.00 |
| "Our Own." Bass size. Japanned frame..... | 1.50 |



"NORLUND'S" AUTOMATIC GAFF

The only automatic gaff worthy of the name. This gaff is absolutely perfect in its action. It is not necessary to strike the fish with a point of the gaff or to get the gaff astraddle, as with other makes. Simply push the open gaff against the fish and—snap!—he is safely held. Handsomely nickel-plated. Spread of jaws when open, $8\frac{1}{2}$ inches. Weight, 19 ounces.

Price, \$2.00.

Small size, $5\frac{1}{2}$ -inch spread, \$1.50.

MOUNTED GAFFS



Style A

Hook, 7 ins. long, $3\frac{1}{4}$ ins. wide, with barb, same style handle.... 1.75

Style B



Size of hook, 7 ins. long by 2 ins. wide. Handle, 3 ft. long with scored grip; price..... \$0.50

SCREW GAFF HOOKS

These hooks screw into handle and will fit all "Harrimac" handles.

Hook No. 1. Size, 8 ins. long, $2\frac{1}{2}$ ins. wide; price..... \$0.50

Hook No. 2. Size, 7 ins. long, $3\frac{1}{4}$ ins. wide, with barb; price... 1.00

Either hook, with socket to fit to plain handle; extra..... .25

TANG HOOKS

For lashing upon plain handles.

No. 1. Size, 7 ins. long by 3 ins. wide; price..... \$0.25

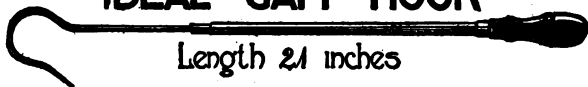
No. 2. Size, 7 ins. long by 2 ins. wide; price..... .20

TARPON GAFF

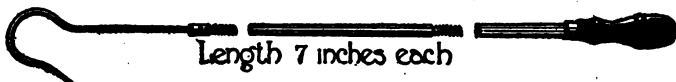
Hand-forged steel with tang.

Length, 18 ins. Width, 4 ins. Price..... \$0.85

IDEAL GAFF HOOK



Length 21 inches



Length 7 inches each

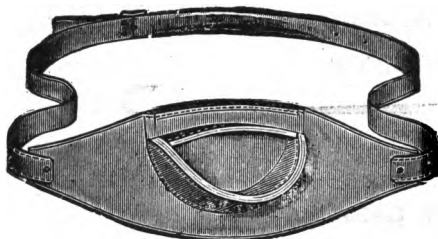
Unjointed fits any tackle box or the pocket. Set up, is as strong and rigid as one piece. Length, set up, 21 inches; unjointed, 7 inches. Weighs but 5 ounces. Nickel plated, ebonized handle. Price, 75c.

RUBBER BUTT RESTS



Useful to protect the rod butt and a great aid in all fishing. When playing fish, butt can be rested steadily against the body in any position. Will fit any standard rod. Made of fine, soft rubber in three sizes.

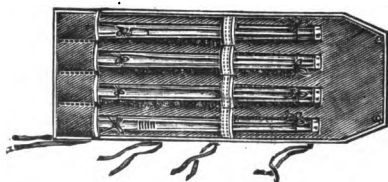
Small	35c.
Medium	50c.
Large	75c.



LEATHER BUTT RESTS

A great aid in heavy fishing of all kinds. Made of best quality russet leather, with heavy sole leather cup to hold butt of rod. Indispensable for tarpon fishing.

Price, \$2.50.



Hanging



Rod Case Folded

ROD CASES

This design of a rod case is one we have found very acceptable, as it will carry several rods and can be hung up in camp, exposing the rods ready for use. It is made of waterproof Pantasote, is neatly fastened and has a leather handle. Size, when open, 42 inches by 12 inches. Weight, 1 pound.....Price, \$2.50 net.

ROD CASES

The finest *hand-made* cases in the country.



GENUINE SOLE LEATHER

All hand-made of Union tan, very best quality, selected stock. Fitted with fine brass lock-buckle and nickel name plate. Length, 50 inches.

Inside diameter	3½ ins.	4½ ins.	5 ins.
Price	\$12.00	\$14.00	\$15.00

For Salmon Rods, 60 to 70 inches long, \$20.00 to \$25.00.

STIFFENED LEATHER

The best grade of leather-covered cases. Hand-made throughout. Fitted with fine brass lock-buckle. Flannel lined. Length, 50 inches.

Inside diameter	3½ ins.	4 ins.	4½ ins.	5 ins.
Price	\$6.00	\$6.50	\$7.00	\$7.50

For Salmon and Tarpon Rods, 60 to 70 ins. long, \$10.00 to \$15.00.

Special sizes to order at short notice.

"INVINCIBLE" CASES

Made of patent fibre by a new process. A case that is absolutely safe to ship by express or baggage. Practically unbreakable and indestructible. Is absolutely waterproof. Hand-riveted and fitted with leather handle and fine brass lock-buckle. Finished in drab color and varnished. Length, 45 inches.

Inside diameter	3 ins.	3½ ins.	4 ins.	4½ ins.	5 ins.
Price	\$8.50	\$9.00	\$9.50	\$10.00	\$11.00

For Salmon and Tarpon Rods, 60 to 70 ins. long, \$15.00.

Special sizes to order at short notice.

SINGLE ROD CASES

All hand work. Fine grade russet leather. Has stitched handle. Cap closes with strap and buckle. When ordering state length wanted.

Price.....	\$3.00
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WATERPROOF SINGLE ROD CASES

Made of heavy water-proof duck. Perfectly waterproof and very durable. Finished with leather covered end and leather handle. When ordering state length wanted. Price, \$1.50.

SPECIAL "PACK ROD" CASES



This fine little case is one we have turned out to meet the demand for a case of this kind by Western packers, prospectors, hunters, and canoe men, who use the short "pack rod" largely. These cases are light, strong as steel, *cannot be crushed* and carry a rod *absolutely safe*. Made only in lengths up to 25 inches with heavy leather cap at each end, fastening with strap and buckle and has loop for belt or carrying strap. When ordering state length wanted.

No. A. Plain Case with leather ends.....Price, \$3.50

No. B. Full leather covered.....Price, 5.00

BAMBOO TIP CASES

Carried in stock for rods 8½ to 11 feet in length. Special cases made to order for large tips, single-piece rods, etc.

Regular sizes, screw cap.....Price, \$1.50

TELESCOPE REEL BOXES



These boxes are the very finest made and the material and workmanship cannot be surpassed. We consider the telescope pattern far the best in every way—it affords more protection to the reel and is easier to open.

All lined with fine Suede leather. Price.

No. 1. 2½ ins. wide, 2½ ins. deep inside....\$1.75

No. 2. 2¾ ins. wide, 2¾ ins. deep inside.... 1.75

No. 3. 2¾ ins. wide, 3½ ins. deep inside.... 2.00

No. 4. 2¾ ins. wide, 3¾ ins. deep inside.... 2.25

No. 5. 3 ins. wide, 2¾ ins. deep inside.... 2.25

No. 6. 3½ ins. wide, 4 ins. deep inside.... 2.75

No. 7. 4½ ins. wide, 4¼ ins. deep inside.... 3.50

No. 8. 5½ ins. wide, 5½ ins. deep inside.... 4.00

Special sizes promptly to order.

HINGED TOP REEL BOXES

With loop for belt. Fine quality leather lined with chamois.

For Single Action Reels— 25 to 60 yds.....Price, \$1.50

" " " 80 to 150 " " 2.50

For Multiplying Reels— 25 to 100 " " 1.75

" " " 150 to 200 " " 1.75

" " " 250 to 300 " " 2.00

For Salmon and Tarpon Reels..... " 2.00

When ordering give dimensions of reel.

SCALES



OUR "SPECIAL"

Finest quality imported English spring balances. Made of heavy German silver and tested by the Government standard. Reading scale draws out from top of frame. The very best scale made.

No. 1.	Weights 5 lbs. in ounces.....	Price, \$2.50
No. 2.	Weights 12 lbs. in quarter lbs.....	" 2.00
No. 3.	Weights 20 lbs. in quarter lbs.....	" 2.50
No. 4.	Brass. Reads in slot. 60 lbs. by $\frac{1}{2}$ lbs.....	" 3.00

STANDARD SCALES



Strongly made. Heavily nickel-plated.

No. 5.	Weights 10 lbs. by $\frac{1}{4}$ lbs.....	Price, \$1.00
No. 6.	Weights 25 lbs. by $\frac{1}{4}$ lbs.....	" 2.50

"NOVELTY" SCALES

No. 7.	Weights 15 lbs. by 2 ounces.....	Price, \$0.25
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"VEST POCKET" SCALES

American make after the pattern of "Our Special." Fine quality and accurate. Polished brass with steel hook and ring. A neat and trustworthy little scale for brook fishing.

No. 8.	Length, $3\frac{1}{8}$ inches. Weights 2 lbs. by 1 ozs.....	Price, \$1.50
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FLOATS

THE "LEVISON" CASTING FLOAT



In using this float a small winding of waxed silk is placed around the line and knotted, just tightly enough to slide up or down the line. End of line is passed through ivory guide and tube, adjusting lead, lure, etc., and all is complete. As the winding will easily reel up, any depth for fishing can be secured by pushing winding up or down. As the float rests up on the lead in casting, much greater accuracy can be attained and the bait settles where the float strikes.

Small, Medium and Large.....Each, \$0.50

ADJUSTABLE SALT WATER FLOATS

Best quality cork. Wood sticks. Two colors. Barrel shape.

Length of cork, $4\frac{1}{2}$ inches.....Each, \$0.25

BOUND CORK FLOATS

Best quality cork. Quill tops. Two colors.

Egg Shape—Small, Medium or Large.....Each, \$0.10

Barrel Shape—Small, Medium or Large.....Each, .15

CLEARING RINGS

Brass-jointed—the best. $2\frac{1}{4}$ -inch diameter.....Each, \$0.35

DISGORGERS



Indispensable to bait fishermen. Should be in every outfit. Saves hooks, leaders, time and temper. Nickel plated.....Each, \$0.25

THUMB STALLS

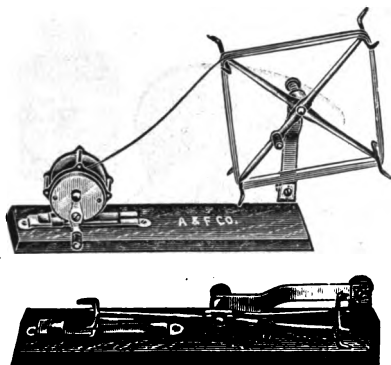
Hand-knit. For heavy fishing; wool or cotton, each..... \$0.10



SOUVENIR FLY CHARMS

Flies true to pattern and tied with Jungle Cock shoulders. Mounted in beveled glass with gold-filled frame and ring. Suitable for fob or watch-chain. Varieties: "Jock Scott," "Parmachenee Beau," "Silver Doctor" and "Montreal."

Price each, 50 cents.



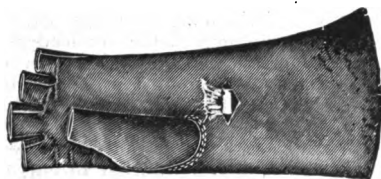
"ANGLER'S FRIEND" DRYING REEL

A thoroughly practical and very useful article for drying lines. Compact, strong and simple in operation. Will soon pay for itself in the saving of your lines and should be in every well appointed fishing outfit. We recommend them highly guarantee them to be the best and most practical made. Polished oak base, nickel reel-seat and standard.

Size when folded, $9\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ inches.

Price, \$2.00.

SOFT LEATHER FISHING GLOVES



Fingers cut half length and in such manner that gloves are easily pulled off.

Indispensable for spring fishing as a protection against black flies, mosquitoes, etc. Per pair, \$1.50.

ROD HOLDERS

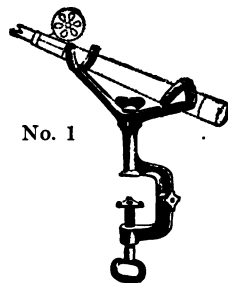
Indispensable for trolling or when still fishing with more than one rod.

No. 1. Adjustable anywhere and in any position. Strongly made and well tinned to prevent rust. Holds the rod securely and rod may be set in rest or removed instantly.

Each, 75 cents.

No. 2. Arm rests only. To screw into seat, gunwale, etc.

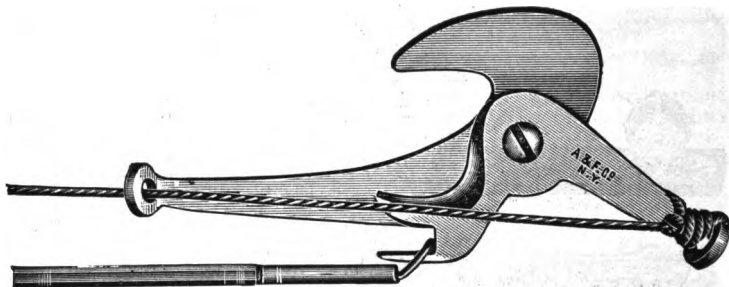
Each, 50 cents.



No. 1



LINE RELEASER



All fly fishermen are familiar with the troublous times that ensue when after a too vigorous "strike" or a careless back cast, the line is found to be "up a tree." This little tool is designed especially for this purpose and we expect that its appearance will be hailed with delight by anglers the world over. No kit is complete without it. No fisherman, however careful he may be, is immune from trouble, but with this tool in his possession he is saved many broken lines or leaders, lost flies and tips. It is simple in operation and absolutely certain in action. When the fly is caught upon a twig the tool is used as follows: Set the tool in such position that the two little spurs on the sides of the two arms are brought together. (See cut.) The top ring of the rod-tip is then slipped over the two spurs and the cutter raised by means of the rod and placed in position on twig it is desired to cut, being held in position meanwhile by a steady pull on the string attached to the cutter. The rod is then withdrawn and by pulling the string one arm of the cutter is caused to turn upon the other, clipping off the branch and down comes your line all safe, and done in a few moments. Owing to the rotary cutting motion and the powerful leverage obtained, this little tool will cut quite easily a branch of considerable size. The cutter is made of fine tool steel, carefully ground and finished. The size is just right for the vest pocket— $2\frac{3}{4} \times 1\frac{1}{8}$ inches. Weight $\frac{1}{2}$ oz.

Price, \$1.00.

Leather carrying case for same.....25 cents.

PARAFFINE OIL IN TUBES

For dry-fly and floating-fly fishing. Put up in the "One Drop Oiler," a solid metal tube which cannot leak. When the cap, which has a wire attached, is unscrewed and withdrawn, just enough oil adheres to dress the fly.

Best Paraffine Oil and Tube.....Each, 15c.



FINE REEL OIL

In the care of fine reels the quality of oil should not be overlooked. The famous "Ezra Kelley" oil needs no introduction. It has long been acknowledged the best, and is the oil used by the Swiss and American fine watch factories.

The "Monarch" is also a standard watch and clock oil, and is largely used. A few drops of fine oil occasionally applied to *clean* bearings will double the life of any reel.

"Ezra Kelley" Oil, per vial..... 50c.
 "Monarch" Oil, per vial 25c.

ALUMINUM FISH TONGS

For holding fish while cleaning, skinning, etc.....Price, 75c.

FISH STRINGERS

Chain Stringer, Disgorger Needle, Patent Handle.....Price, 25c.

IMPORTED ENGLISH DEER FAT

Unequaled as a line dressing, especially for enameled lines, rendering them soft, smooth and flexible. A great preservative and lines dressed with this preparation will not become sticky. Put up in $2\frac{1}{2}$ -ounce round tins, handy for the pocket.

Price per box..... 75c.

FINE POWDERED GRAPHITE

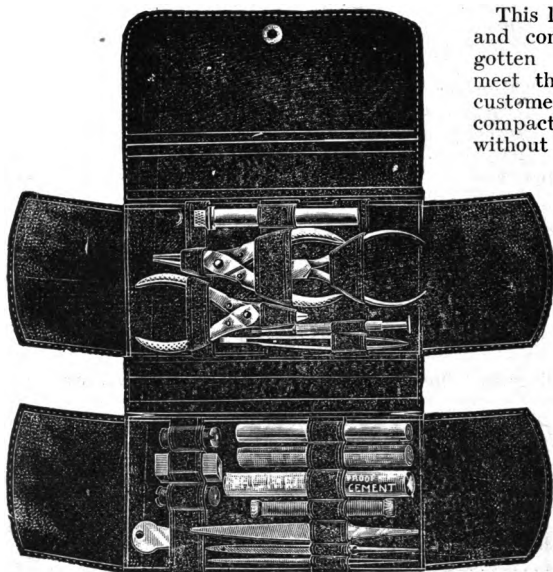
Very fine for smoothing and polishing enameled casting lines. Much used by prominent tournament casters. Put up in small tin boxes.

Price per box..... 25c.

FLY TYERS' MATERIALS

In answer to a steadily growing demand from amateurs and "professionals" alike who prefer to do their own fly tying, we now carry as complete a line as possible of all necessary tools, such as vises, pliers, nippers, tweezers, scissors, etc. Also, hooks, silk, dubbing, tinsel, wax, etc., and all sorts of imported and domestic, natural and dyed, feathers, crests, tippets, body-wool, etc. As the price of many of these articles is constantly varying we cannot print an exact price list, but will be glad to quote prices upon request. We make a specialty of fine imported whole skins of the Jungle Cock, Blue Chatterer, Scarlet Ibis, Cock o' the Rock, Indian Crow, Indian Jay, etc., and selected English Jay wings, Golden Pheasant crests, tippets, etc.

THE "DARLING" REPAIR KIT



This little gem of utility and convenience we have gotten up expressly to meet the wants of many customers who desired a compact, serviceable kit without any "frills." All

the tools are of the best make and very highest quality, finely nickel-plated. With this little friend in your pocket "smash-ups" lose their terrors and any repair job likely to be met with on an outing may be speedily accomplished. Contains round-nose and flat-nose pliers, both

"parallel opening," fine tempered close-cutting nippers, jewelers' rotary screw-driver, vest pocket screw-driver, tweezers, one-drop oil can, polishing paper, emery cloth, ferrule cement, hook file, cutting file, round file, soft brass splicing wire, wrapping silk, wrapping linen and piece wax. Put up in handsome, fine quality morocco case, with extra pocket for "odds and ends." Case opens out flat in the hand, and tools are instantly accessible. Size when closed, 6 ins. long, $3\frac{1}{2}$ ins. wide, 1 in. thick. Weight, 10 ozs Price, \$7.50

VEST POCKET FORCEPS AND CUTTERS



Special make. Finest quality tempered steel, heavily nickel-plated. Useful for snipping off frayed ends of line, gut, etc., and for picking out snarls in reel. Indispensable to those who use eyed flies.

$2\frac{3}{4}$ inches long..... Each, \$2.00

ANGLER'S TOOLS

All of best make and finest quality.

TWEEZERS

Fine tempered steel, nickel-plated, matted sides and grip. $3\frac{1}{2}$ ins. long. Each, 50 cents.

NIPPERS

Finest quality imported French side-cutting pliers. Tempered steel and heavily nickel-plated. Has close-cutting jaws and will cut a silk thread or a steel hook. $3\frac{1}{8}$ ins. long. Each, \$1.00

SCREW DRIVERS

Best quality, jewelers' "one-hand" screw drivers. Held and operated with 3 fingers. Finely nickel-plated. The only screw driver for small screws in reels, guns, etc. $3\frac{1}{4}$ ins. long. Each, 35 cents.

PLIERS

Best make. Fine steel, nickel-plated. Both are "parallel opening," which gives an even grip the full length of the jaw. Useful in many ways and should be in every angler's kit.

Flat Nose, $3\frac{1}{2}$ inches long.....Each, 50c.
Round Nose, 4 inches long.....Each, 50c.

FINE CARBORUNDUM HOOK STONES

Triangular shape, 2 inches long. The best for sharpening and re-pointing hooks. Should be in every fishing kit. Each, 50c.

FILES

Best quality imported. Very fine.

Flat Hook Files, tapered.....Each, 25c.
3-Cornered Cutting Files.....Each, 15c.
Round or "Rat-tail," for reaming.....Each, 15c.

"VEST POCKET" SCREW DRIVERS

Especially useful for starting large screws in reels. Fine tempered steel, blued, with broad finger grasp. Worn on watch chain or key-ring. $1\frac{1}{8}$ inch long.....Each, 10c.

FERRULE CEMENT

Best grade, in sticks.....Each, 15c.

WINDING SILK

Best Italian silk. Assorted colors.

50-yard spools.....Each, 15c.

ROD VARNISH

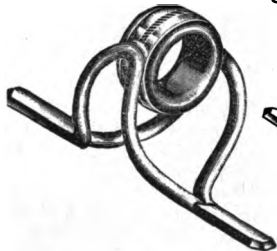
Best quality. Put up in 1-oz. bottles.....Each, 25c.

OILER

"One Drop" Oiler—the best made. All metal. Cannot leak..Each, 10c.

AGATE GUIDES

Very finest quality. Highly polished. Mounted in German silver.
New Pattern High Set Casting. (Exact size.)



No. 3.



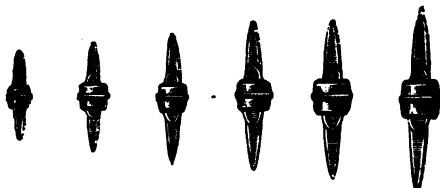
No. 2



No. 1.

All sizes, each..... \$1.00

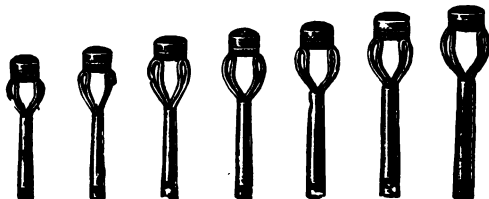
REGULAR PATTERN CASTING (Half Size)



No. 1. No. 2. No. 3. No. 4. No. 5. No. 6.

All sizes, each..... \$0.70

BASKET PATTERN TIPS (Half Size)



No. 1. No. 2. No. 3. No. 4. No. 5. No. 6. No. 7.

All sizes, each..... \$0.75

NEW PATTERN FLY TIPS (Exact Size)



No. 2/0.

No. 0.

No. 1.

No. 2.

Nos. 2/0, 0, 1, 2, 3, 4, and 5, each..... \$0.75

NEW MODEL NARROW AGATE GUIDES

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Per dozen,	18c.	20c.	25c.	30c.	35c.	40c.	45c.

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